ORDER NO. BSD03100170
D25

Service Manual

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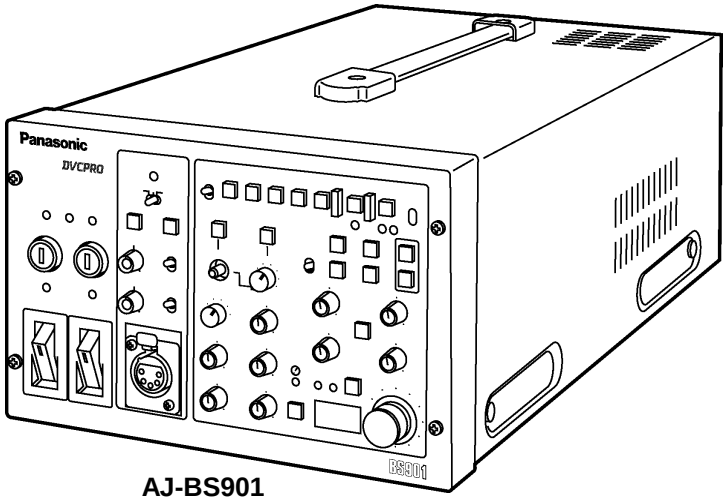
DVCPRO

Digital Triax Camera Adapter

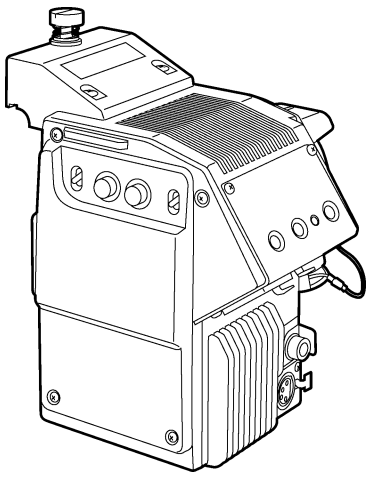
AJ-CA901P/EN/MC

Digital Triax Base Station

AJ-BS901P/EN/MC



AJ-BS901



AJ-CA901

Panasonic

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

AJ-CA901P/EN

Specifications

Input:	**100 V DC (supplied by AJ-BS901)**
	12V DC IN (11.5 V to 17.0 V DC)
Power consumption:	**BS Input 100 V : 450 mA**
	EXT Input 12 V : 3.2 A

Indicates safety information.

External dimensions (W × H × D):	6-3/16 × 7-9/16 × 6-13/16-inches (156.5 × 191.5 × 173 (mm))
Weight:	4.84 lbs (2.2 kg)
Operating temperature range:	32°F to 104°F (0°C to 40°C)
Storage temperature range:	–4°F to 140°F (–20°C to +60°C)
Operating humidity:	10 to 85% (relative humidity)

Transfer block

Signal transfer rate:	360 Mbps (AJ-CA901 to AJ-BS901)
Transfer distance:	300 m with diameter 8.6 mm cable (Fujikura) 500 m with diameter 14.5 mm cable (Fujikura)
Video transfer rate:	Signals from camera to base station: Y signal: 18 MHz sampling rate, 10-bit R-Y signal: 9 MHz sampling rate, 10-bit B-Y signal: 9 MHz sampling rate, 10-bit Signals from base station to camera: RET signal: FM modulation Prompt signal: FM modulation
Audio transfer rate:	Signals from camera to base station: 46.875 kHz sampling rate, 16-bit Signals from base station to camera: 11.71875 kHz sampling rate, 16-bit

Intercom

Microphone selection:	Switchable between dynamic microphone and carbon microphone
I/O level:	4-line/2-line: 0 dBm (600 Ω, balanced) RTS: 1 Vp-p (200 Ω) PGM: 0 dB (600 Ω, balanced)
Format:	Selectable between 4-line, 2-line, and RTS
Lines:	Base station to camera: 2 lines (ENG, PGM) Camera to base station: 1 line (ENG)
S/N ratio:	50 dB or more (base station to camera) (camera to base station)
Distortion:	1.0% or less
Frequency range:	100 Hz to 10 kHz (± 3 dB) (camera to base station) 100 Hz to 5 kHz (± 3 dB) (base station to camera)
Dynamic range:	12 dB or more

Video system

Teleprompt output (PROMPT):	1 Vp-p (1 Vp-p input to AJ-BS901)
RET output:	1 Vp-p (1 Vp-p input to AJ-BS901)

Input connectors

Intercom connector:	XLR 5-pin
External DC power supply input connector:	XLR 4-pin
RET SW connector:	8-pin

Output connectors

Teleprompt (PROMPT) output connector:	BNC VBS, 1 Vp-p, 75 Ω
RET signal output connector:	BNC VBS, 1 Vp-p, 75 Ω
External power supply output connector:	XLR 4-pin
PGM audio output connector:	XLR 3-pin

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

规格

BS Input: 100V DC, 450mA（由AJ-BS901供电）
EXT Input: 12V DC, 3.2A

显示安全信息。

外形尺寸（宽×高×深）:	156.5×191.5×173（mm）
质量:	2.2kg
操作温度范围:	0°C到40°C
存放温度范围:	–20°C到+60°C
操作湿度:	10%到85%（相对湿度）
支持机种:	AJ-D908

传输区段

信号传输速率:	360兆比特/秒（AJ-CA901到AJ-BS901）
传输距离:	300m（使用直径8.6mm的电缆）(Fujikura) 500m（使用直径14.5mm的电缆）(Fujikura)
视频传输速率:	信号从摄像机传输到基站: Y信号: 18MHz抽样频率，10-比特 R-Y信号: 9MHz抽样频率，10-比特 B-Y信号: 9MHz抽样频率，10-比特 信号从基站传输到摄像机: RET信号: FM调制 瞬发信号:FM调制
音频传输速率:	信号从摄像机传输到基站: 46.875kHz抽样频率，16-比特 信号从基站传输到摄像机: 11.71875kHz抽样频率，16-比特

对讲装置

麦克风选择:	可在动圈式麦克风和碳晶麦克风之间切换
I/O电平:	4-线/2-线: 0dBm（600Ω，平衡） RTS: 1Vp-p (200Ω) PGM: 0dBm（600Ω，平衡）
格式:	可在4-线、2-线和RTS之间选择
线路:	基站到摄像机: 2-线（ENG，PGM） 摄像机到基站: 1-线（ENG）
信噪比:	50dB或更高
失真:	1.0%或更低
频率范围:	100Hz到10kHz（±3dB）（摄像机到基站） 100Hz到5kHz（±3dB）（基站到摄像机）
动态范围:	12dB或更高

视频系统

电视瞬发输出（PROMPT）:	1Vp-p (1Vp-p输入到AJ-BS901)
RET输出:	1Vp-p (1Vp-p输入到AJ-BS901)

输入接口

对讲装置接口:	XLR 5-芯
外部DC电源输入接口:	XLR 4-芯，11.5V到17.0V DC
RET SW接口:	8-芯

输出接口

远程瞬发 (PROMPT) 输出接口:	BNC VBS，1Vp-p，75Ω
RET信号 (RET) 输出接口:	BNC VBS，1Vp-p，75Ω
EXT电源输出接口:	XLR 4-芯
PGM音频输出接口:	XLR 3-芯

所示的重量和尺寸为近似值。
规范如有修改，恕不另行通知。

Specifications

Input: AJ-BS901P; 120 V AC, 50/60 Hz, 180 W
(EXT IN 12 V DC (11.0 to 17.0 V DC), 12 A)
AJ-BS901EN; 220 – 240 V AC, 50/60 Hz, 170 W
(EXT IN 12 V DC (11.0 to 17.0 V DC), 12 A)
Output: 100 V DC, 850 mA MAX.

▭ indicates safety information.

External dimensions (W × H × D):	8-5/16 × 5-3/16 × 15-1/4-inches (211 × 131.5 × 387.5 (mm))
Weight:	20.68 lbs (9.4 kg)
Operating temperature:	32°F to 72°F (0°C to +40°C)
Storage temperature:	–4°F to 140°F (–20°C to +60°C)
Operating humidity:	10% to 85% (relative humidity)

Transfer block

Signal transfer rate:	360 Mbps (AJ-CA901 to AJ-BS901)
Transfer distance:	300 m with diameter 8.6 mm cable (Fujikura) 500 m with diameter 14.5 mm cable (Fujikura)
Video transfer rate:	Signals from camera to base station: Y signal: 18 MHz sampling rate, 10-bit R-Y signal: 9 MHz sampling rate, 10-bit B-Y signal: 9 MHz sampling rate, 10-bit Signals from base station to camera: RET signal: FM modulation Prompt signal: FM modulation
Audio transfer rate:	Signals from camera to base station: 46.875 kHz sampling rate, 16-bit Signals from base station to camera: 11.71875 kHz sampling rate, 16-bit

Analog video output signals

Frequency range:	Y, ENC: 60 Hz to 8 MHz (± 3 dB)
Frequency range:	P_R, P_B: 60 Hz to 4 MHz (± 3 dB)
Component signal switching:	Y, P_R, and P_B switchable to G, R, and B
Sync switching:	Y/G: Sync addition switchable (on/off) P_R, P_B/R, B: No sync addition
Signal level:	ENC: VBS, 1Vp-p, 75 Ω Y: VS, 1Vp-p, 75 Ω P_R , P_B: 757mVp-p, 75 Ω G: VS, 1Vp-p, 75 Ω R, B: 714mVp-p, 75 Ω WFM: VS, VBS, 1Vp-p, 75 Ω PIX: VS, VBS, 1Vp-p, 75 Ω

Analog microphone output signal

Frequency range:	50 Hz to 20 kHz (± 3 dB)
Distortion:	0.5%
Dynamic range:	Better than 15 dB (at 1% distortion)
Output level:	0 dB (switchable between 0 and –20 dBm)

Specifications

Intercom

Microphone selection:	Switchable between dynamic microphone and carbon microphone	
I/O level:	4-line/2-line:	0 dBm (600 Ω, balanced)
	RTS:	1 Vp-p (200 Ω)
	PGM:	0 dB (600 Ω, balanced)
Format:	Selectable between 4-line, 2-line, and RTS	
Lines:	Base station to camera: 2 lines (ENG, PGM)	
	Camera to base station: 1 line (ENG)	
S/N ratio:	50 dB or more (base station to camera) (camera to base station)	
Distortion:	1.0% or less	
Frequency range:	100 Hz to 10 kHz (± 3 dB) (camera to base station)	
	100 Hz to 5 kHz (± 3 dB) (base station to camera)	
Dynamic range:	12 dB or more	

Analog video input signals

GEN LOCK input signal:	VBS: 1 Vp-p, 75 Ω, positive polarity
	BBS: 0.45 Vp-p, 75 Ω, positive polarity
RET1, RET2 input signals:	VBS: 1 Vp-p, 75 Ω, positive polarity
Prompt input signal:	VBS: 1 Vp-p, 75 Ω, positive polarity

Tally

Input:	DC 12 V voltage supply, switchable contacts
Output:	Open collector type, maximum input current 10 mA, voltage DC 12 V

Sync signal

Standard:	RS-170A
Horizontal phase adjustment range:	+5 µs to –11 µs
SC lock range:	3.579545 MHz ± 20 Hz
SC variable range:	360°

Input connectors

GEN LOCK input:	BNC, 75 Ω, bridged
RET1, RET2:	BNC, 75 Ω, bridged
Prompt input signal:	BNC, 75 Ω, bridged
Tally input:	5-pin (balanced)
Communication:	24-pin
External power supply input:	XLR 4-pin
AC input:	3-pin

Output connectors

ENC output:	3 lines, BNC, 75 Ω
Communication output:	1 line, BNC, 75 Ω
PIX output:	1 line, BNC, 75 Ω
WFM output:	1 line, BNC, 75 Ω
Audio output:	2 lines, XLR 3-pin, 600 Ω (balanced)
Tally output:	5-pin, open collector (low during tally input)
WFM control output:	7-pin
Digital serial component output:	2-lines, BNC, 75 Ω (activated when optional AJ-YA901 unit is installed)

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

规 格

输 入 ：220–240V AC，50/60Hz，170 W
（EXT IN 12V DC，12A）
功 耗 ：100V DC，850mA MAX.

显示安全信息。

外形尺寸（宽×高×深） ：211 × 131.5 × 387.5（mm）
质量 ：9.5 kg
操作温度 ：0°C ～40°C
存放温度 ：–20°C ～+60°C
操作湿度 ：10% ～85%（相对湿度）

传输区段

信号传输速率 ：360 兆比特/秒（AJ-CA901 到AJ-BS901）
传输距离 ：300 m（使用直径为8.6 mm 的电缆）(Fujikura)
500 m（使用直径为14.5 mm 的电缆）(Fujikura)
视频传输速率 ：信号从摄像机传输到基站:
Y 信号 ：18 MHz 抽样频率，10-比特
R-Y 信号 ：9 MHz 抽样频率，10-比特
B-Y 信号 ：9 MHz 抽样频率，10-比特
信号从基站传输到摄像机:
RET 信号 ：FM 调制
瞬发信号 ：FM 调制
音频传输速率 ：信号从摄像机传输到基站:
46.875 kHz 抽样频率，16-比特
信号从基站传输到摄像机:
11.71875 kHz 抽样频率，16-比特

模拟视频输出信号

频率范围 ：Y，ENC ：60 Hz ～8 MHz（±3 dB）
频率范围 ：P_R，P_B ：60 Hz ～4 MHz（±3 dB）
分量信号切换 ：Y，P_R 和 P_B 可切换到G，R 和B。
同步切换 ：Y/G ：可切换同步附加（开/关）
P_R，P_B/R，B ：无同步附加
信号电平 ：ENC ：VBS，1 Vp-p，75 Ω
Y ：VS，1 Vp-p，75 Ω
P_R，P_B ：525 mVp-p，75 Ω
G ：VS，1Vp-p，75 Ω
R，B ：700 mVp-p，75 Ω
WFM ：VS，1 Vp-p，75 Ω
PIX ：VS，1 Vp-p，75 Ω

模拟麦克风输出信号

频率范围 ：50 Hz ～20 kHz（±3 dB）
失真 ：0.5%
动态范围 ：15 dB 或更高（1% 失真）
输出电平 ：0 dB（可在0 和–20 dBm 之间切换）

规 格

对讲装置

麦克风选择	：可在动圈式麦克风和碳晶麦克风之间切换
	I/O 电平　　：4-线/2-线：0 dBm（600 Ω，平衡）
	RTS　　：1 Vp-p（200 Ω）
	PGM　　：0 dBm（600 Ω，平衡）
格式	：可在4-线、2-线和RTS 之间选择
线路	：基站到摄像机：2 线（ENG，PGM）
	摄像机到基站：1 线（ENG）
信噪比	：50 dB 或更高
失真	：1.0% 或更低
频率范围	：100 Hz ～ 10 kHz（± 3 dB）（摄像机到基站）
	100 Hz ～ 5 kHz（± 3 dB）（基站到摄像机）
动态范围	：12 dB 或更高

模拟视频输入信号

GENLOCK 输入信号	：VBS：1 Vp-p 75 Ω，桥接
	BBS：0.45 Vp-p，75 Ω，桥接
RET1，RET2 输入信号	：VBS：1 Vp-p，75 Ω，桥接
瞬发输入信号	：VBS：1 Vp-p，75 Ω，桥接

计数

输入	：DC 12 V 电压，可切换触点
输出	：集电极开路型，最大输入电流 10mA，电压DC 12 V

同步信号

水平相位调节范围	：+4 µs ～–10 µs
SC 锁定范围	：4.433618 MHz ± 10 Hz
SC 可变范围	：360°

输入接口

GENLOCK 输入	：BNC，75 Ω，平衡
RET1，RET2 输入	：BNC，75 Ω，平衡
瞬发输入	：BNC，75 Ω，平衡
计数输入	：5-芯（平衡）
通讯输入	：24-芯
EXT DC 输入	：XLR 4-芯，11.5V ～ 17.0V DC
AC 输入	：3-芯

输出接口

ENC 输出	：3 线，BNC，75 Ω
通讯输出	：1 线，BNC，75 Ω
PIX 输出	：1 线，BNC，75 Ω
WFM 输出	：1 线，BNC，75 Ω
音频输出	：2 线，XLR 3-芯，600 Ω，平衡
计数输出	：5-芯，集电极开路（计数输入时低）
WFM 控制输出	：7-芯
数字串行式分量输出	：2-线，BNC，75 Ω，（安装有选购的AJ-YA901 装置时激活）

所示的重量和尺寸为近似值。
规范如有修改，恕不另行通知。

SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts, which have been over-heated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than 5MΩ.

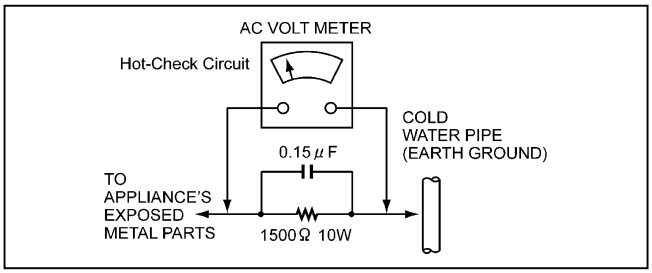


Figure1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

1. Plug the AC cord directly into the AC outlet.
   Do not use an isolation transformer for this check.
2. Connect a 1.5KΩ, 10W resistor, in parallel with a 0.15μ F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet repeat each of the above measurements.
6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ABOUT LEAD FREE SOLDER (PbF)

Distinction of Pbf PCB:
PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.
Caution:

1. Pb free solder has a higher melting point than standard solder; Typically the melting point is 50–70˚F (30-40˚C) higher. Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 700±20˚F (370±10˚C).
2. Pb free solder will tend to splash when heated too high (about 1100˚F/600˚C).

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor “chip” components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
   Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device classified as “anti-static” can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
   (most replacement ES devices are package with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

1. The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.

Note: It is important to use an accurate periodically calibrated high voltage meter.

3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV, ±0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

Safety precautions

General

WARNING:

- **TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.**
- **TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, KEEP THIS EQUIPMENT AWAY FROM ALL LIQUIDS—USE AND STORE ONLY IN LOCATIONS WHICH ARE NOT EXPOSED TO THE RISK OF DRIPPING OR SPLASHING LIQUIDS, AND DO NOT PLACE ANY LIQUID CONTAINERS ON TOP OF THE EQUIPMENT.**

CAUTION:

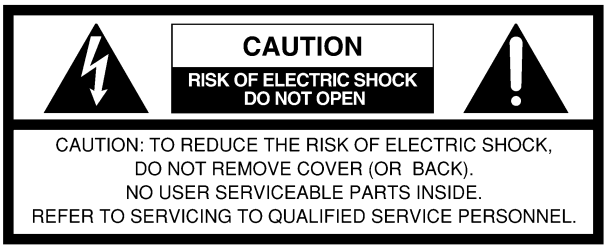
TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

CAUTION:

Do not install or place this unit in a bookcase, built-in cabinet or any other confined space in order to maintain adequate ventilation. Ensure that curtains and any other materials do not obstruct the ventilation to prevent risk of electric shock or fire hazard due to overheating.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER CHANGE OF SWITCH SETTING INSIDE THE UNIT TO QUALIFIED SERVICE PERSONNEL.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the appliance.

FCC Note:
This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

■ **DO NOT REMOVE PANEL COVER BY UNSCREWING.**
To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside.
Refer servicing to qualified service personnel.

▭ Indicates safety information.

Safety precautions

General

WARNING:

- **TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.**
- **TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, KEEP THIS EQUIPMENT AWAY FROM ALL LIQUIDS—USE AND STORE ONLY IN LOCATIONS WHICH ARE NOT EXPOSED TO THE RISK OF DRIPPING OR SPLASHING LIQUIDS, AND DO NOT PLACE ANY LIQUID CONTAINERS ON TOP OF THE EQUIPMENT.**

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

CAUTION:

EVEN WHEN THE POWER SWITCH IS IN THE OFF POSITION, A SMALL CURRENT FLOWS THE FILTER CIRCUIT.

CAUTION:

THE AC OUTLET (MAINS SOCKET) SHALL BE INSTALLED NEAR THE EQUIPMENT AND SHALL BE EASILY ACCESSIBLE.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER MOUNTING OF THE OPTIONAL BOARD AND CHANGE OF SWITCH SETTINGS INSIDE THE UNIT TO QUALIFIED SERVICE PERSONNEL.

THIS APPARATUS MUST BE GROUNDED

To ensure safe operation the three-pin plug must be inserted only into a standard three-pin power outlet (socket) which is effectively grounded through the normal household wiring.

Extension cords used with the equipment must be three-core and be correctly wired to provide connection to the ground. Incorrectly wired extension cords can be extremely hazardous.

The fact that the equipment operates satisfactorily does not imply that it is grounded, and the installation is not necessarily safe. For your safety, if in any doubt about the effective grounding of the equipment or power outlet (socket), please consult a qualified electrician.

CAUTION:

Do not install or place this unit in a bookcase, built-in cabinet or any other confined space in order to maintain adequate ventilation. Ensure that curtains and any other materials do not obstruct the ventilation to prevent risk of electric shock or fire hazard due to overheating.

WARNING:

THE CONNECTOR (TRIAX) MARKED WITH AN ARROW (↯) CONTAINS HAZARDOUS VOLTAGE.

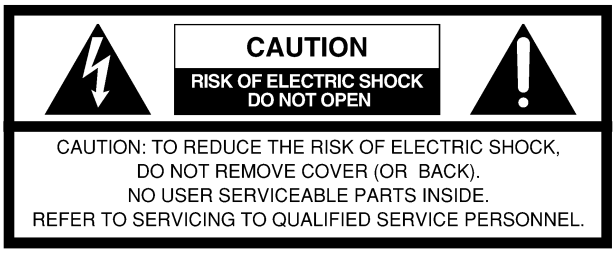
TO REDUCE THE RISK OF ELECTRIC SHOCK, CONNECTIONS USING THIS CONNECTOR MUST BE PERFORMED ONLY BY QUALIFIED PERSONNEL OR BY USING READY-MADE LEADS OR CORDS.

▭ indicates safety information.

Operating precaution

Operation near any appliance which generates strong magnetic fields may give rise to noise in the video and audio signals. If this should be the case, deal with the situation by, for instance, moving the source of the magnetic fields away from the unit before operation.

Safety precautions


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the appliance.

FCC Note:
This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

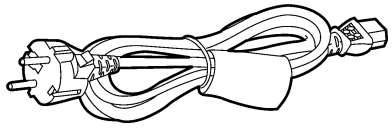
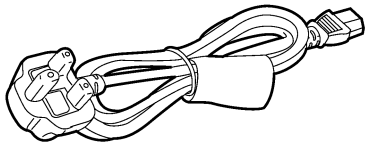
This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

■ **DO NOT REMOVE PANEL COVER BY UNSCREWING.**
To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside.
Refer servicing to qualified service personnel.

Safety precautions

Caution for AC Mains Lead

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.
This product is equipped with 2 types of AC mains cable. One is for continental Europe, etc. and the other one is only for U.K.
Appropriate mains cable must be used in each local area, since the other type of mains cable is not suitable.

FOR CONTINENTAL EUROPE, ETC. Not to be used in the U.K.	**FOR U.K. ONLY** If the plug supplied is not suitable for your socket outlet, it should be cut off and appropriate one fitted.
	

FOR U.K. ONLY

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 13 amp fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362.
Check for the ASTA mark ⓐ or the BSI mark ⓑ on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.
If in any doubt please consult a qualified electrician.
WARNING: THIS APPLIANCE MUST BE EARTHED.
IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

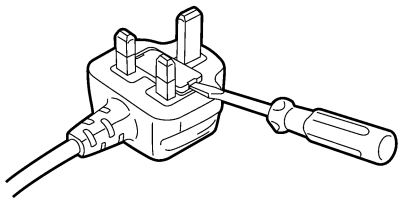
Green-and-Yellow:	Earth
Blue:	Neutral
Brown:	Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

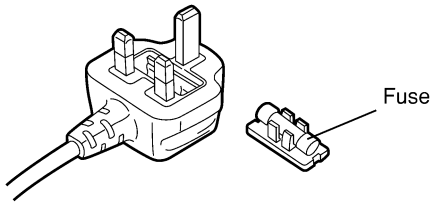
- The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol ⏚ or coloured GREEN or GREEN-AND-YELLOW.
- The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.
- The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

How to replace the fuse

1. Open the fuse compartment with a screwdriver.



2. Replace the fuse.



Panasonic

FCD0310NTKE448E449

SECTION 1

SERVICE INFORMATION

CONTENTS

Version Upgrade procedure of PLD (ALTERA) INF-1
1. Preparation.....INF-1
2. Connection.....INF-1
3. Boot up the Version Up Software and Version Up Procedure.....INF-2

Version Upgrade procedure of PLD (ALTERA)

This product uses CPLD. At the time of a version upgrade, use the upgrade tool, connect the respective connector, and use the CPLD writing software VSI4215B which can be downloaded from the Web site.

Board	PLD Writer Connection Connector	Number of pins	Manufacture	Quantity
BS Audio	P3	8P	ALTERA	1

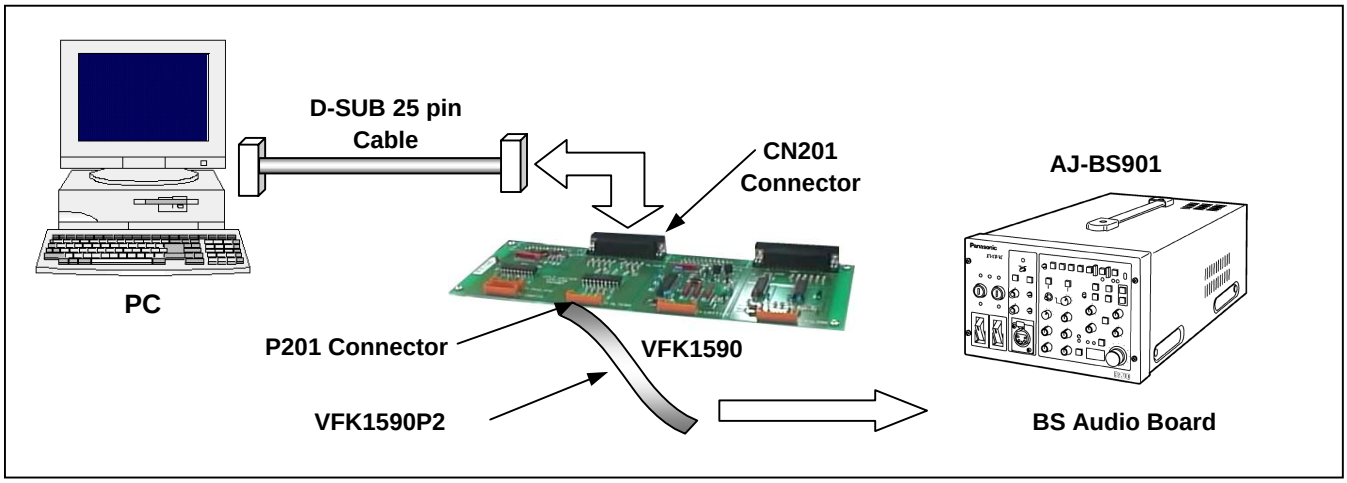
1. Preparation

1. The following tools are required for the version upgrade.

ITEM	REMARK
CPLD WRITER	VFK1590
D-sub 25pin-25pin Cable	Straight (Male – Female), Length : shorter then 1 meter
Version Upgrade Software	MAX+plus II Software (Please download from www.altera.com/support/device/programming/sup-asap2.html Then select “asap2.exe 10.1”) * The software of version 10.1 or later must be used.
Version Upgrade Data	tdf file (”VSIXXXX” include it)
Personal Computer	WINDOWS 95® or 98®

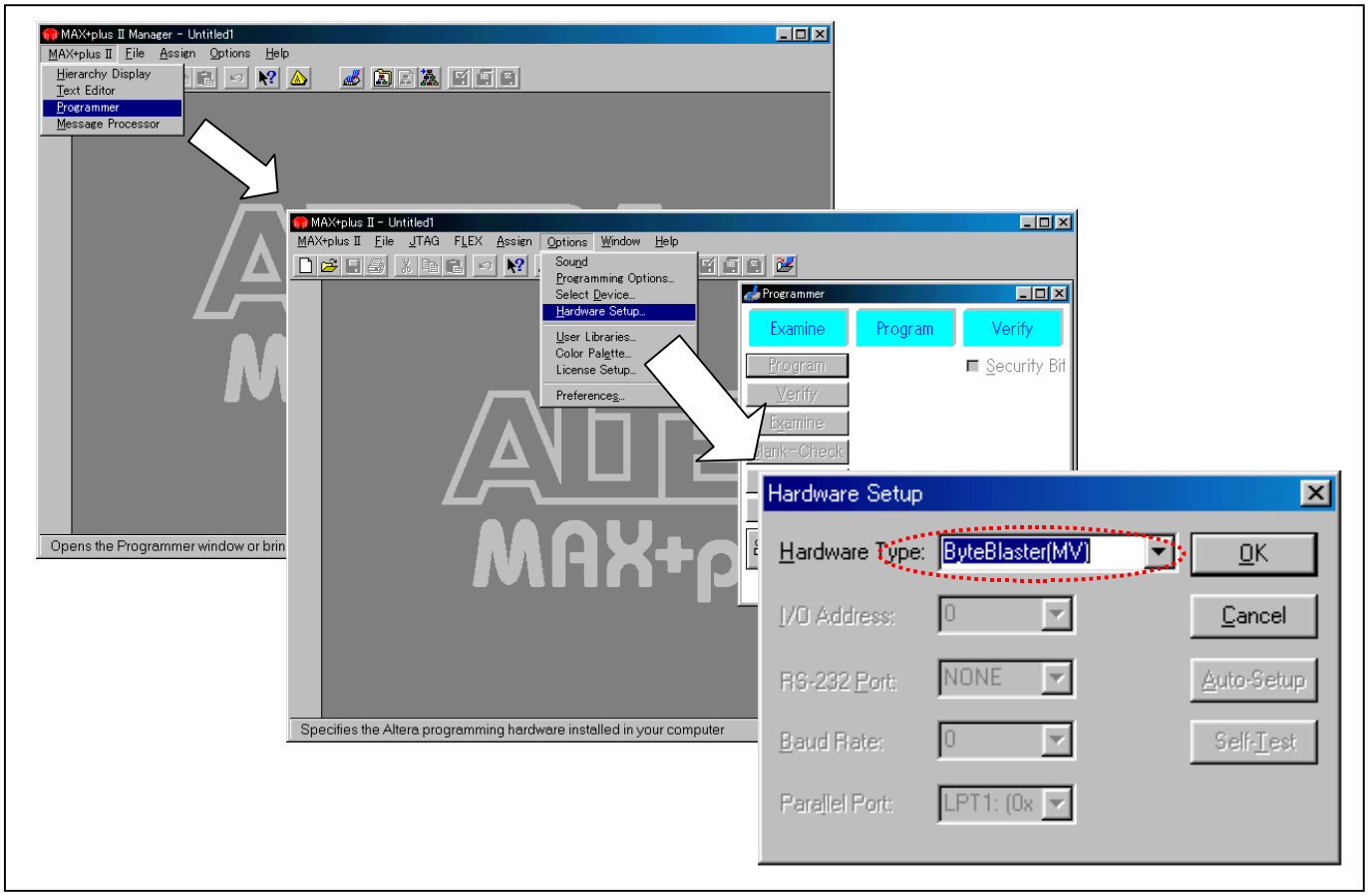
2. Connection

1. Connect the D-sub 25P cable between CN201 (for ALTERA) connector of the CPLD WRITER and Personal Computer (Printer port).
2. Connect the CPLD WRITER cable (VFK1590P2) between respective connector (Please refer to chart on page INF3) and connector P201 on CPLD WRITER.
   NOTE: VFK1590P2 is accessory of VFK1590 and it can be order as service part.
3. Turn on VTR and Personal Computer (Windows mode).

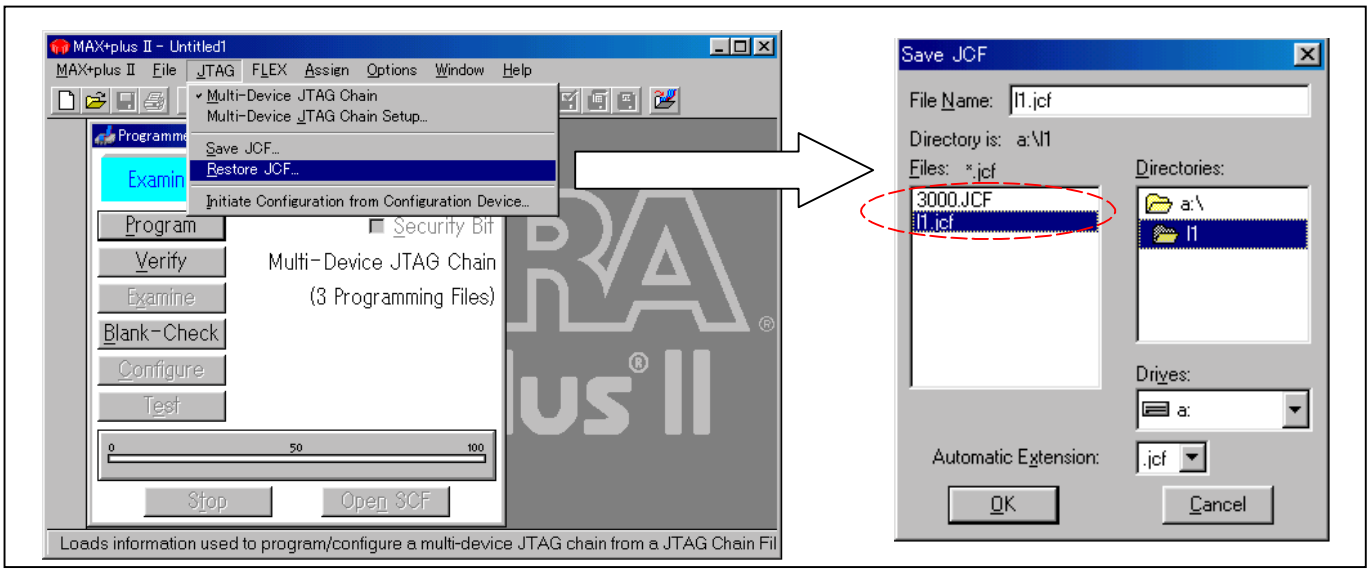


3. Boot up the Version Up Software and Version Up Procedure

1. Boot up the **"MAX+plus II 10.1 Programmer Only"** software from start menu of Windows.
   (1). On the main window, select tab "MAX+plus II" and then "Programmer".
   (2). On the main window (Programmer window is displayed), select tab **"Option"** and then **"Hardware Setup"**.
   (3). On the Hardware Setup dialog, set the **"Hardware Type"** to **"ByteBlaster(MV)"**.



2. On the main window, select tab **"JTAG"** and then **"Restore JCF"**.
3. On the dialog of Save JCF, select the **"jcf"** format file (Chain file) and then press the **"OK"** button.



SECTION 2

ELECTRICAL ADJUSTMENT

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3-1. BS Power Supply Adjustment ELE-1
3-2. OCS Frequency Adjustment ELE-1
4-8. SCH Adjustment ELE-1
TP AND VR LOCATION ELE-2
BS AUDIO P.C.BOARD (VEP24184A/B) ELE-2
BS POWER P.C.BOARD (VEP21288A).....ELE-2

3-1. BS Power Supply Adjustment

BOARD	BS POWER
TP	GND: 78pin (A/B), +: 10pin (A/B) on Extender Board between BS AUDIO
ADJ.	VR1 [V ADJ] (BS POWER UNIT)
INPUT	------
M. EQ	D.V.M., Extender Board (VFK1671)
SPEC.	10pin A/B = 5.05V ± 0.02V

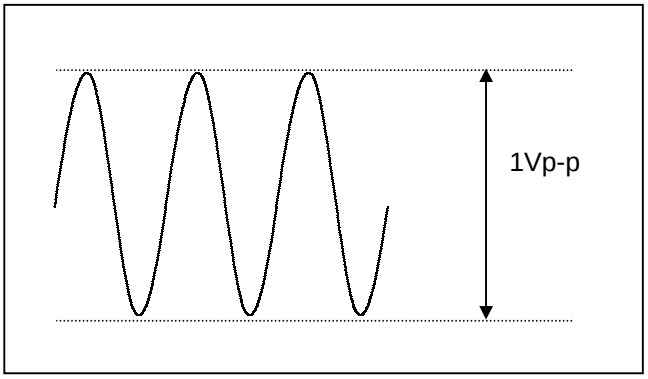
1. Extend the BS AUDIO Board with the Extender Board (VFK1671).
2. Connect the digital voltmeter (-) to pin 78A/B and (+) to pin 10A/B, and then adjust VR1 on the Power Supply Unit so that the voltage is within the specification.
3. Connect the digital voltmeter (-) to pin 78A/B and (+) to the measuring points on the Extender Board as shown the table below, and make sure that the voltages at each pins are within the specification.

TP	Specification
13pin (A/B)	D+3.3V = 3.30V ± 0.15V
16pin (A/B)	+12V = 12.00V ± 0.50V
18pin (A/B)	A+5.6V = 5.65V ± 0.20V
20pin (A/B)	A-5.6V = -5.65V ± 0.20V

3-2. OCS Frequency Adjustment

BOARD	BS AUDIO
TP	58pin B on Extender Board between BS AUDIO
ADJ.	VR300, VR600
INPUT	------
M. EQ	Frequency counter, Oscilloscope, Extender Board (VFK1671)
SPEC.	Frequency: 3.579545MHz ± 5Hz Level: 1Vp-p ± 1%

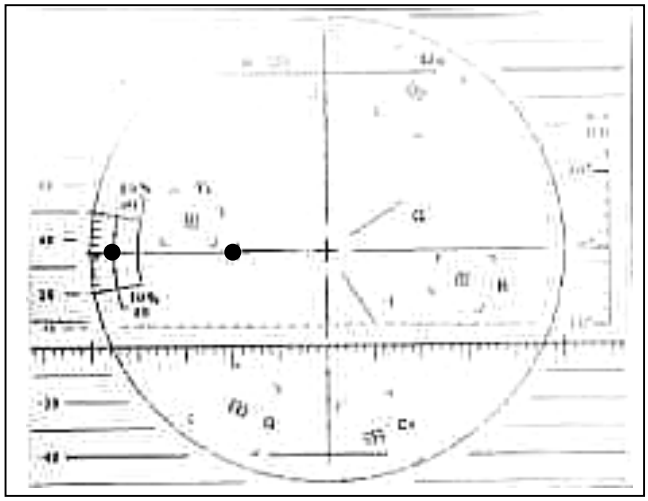
1. Extend the Audio Board with the Extender Board (VFK1671), and connect the frequency counter to pin 58B on the Extender Board.
2. Adjust VR300 so that the frequency is within the specification.
3. Connect the oscilloscope to pin 58B on the Extender Board, and adjust VR600 so that the voltage is within the specification.



4-8. SCH Adjustment

BOARD	BS AUDIO
TP	BS REAR PANEL BNC ENC1 OUT
ADJ.	VR400 [SCH] (BS AUDIOP.C.Board)
INPUT	------
M. EQ	SCH Meter (With 75 Ω termination)
SPEC.	SCH = 0º ± 10º (Internal Mode)

1. Disconnect any input signal to the GENLOCK INPUT connector and set the Base Station in the GENLOCK mode.
2. Connect the SCH meter to the ENC 1 OUTPUT connector and then adjust VR400 so that the SCH is within the specification.

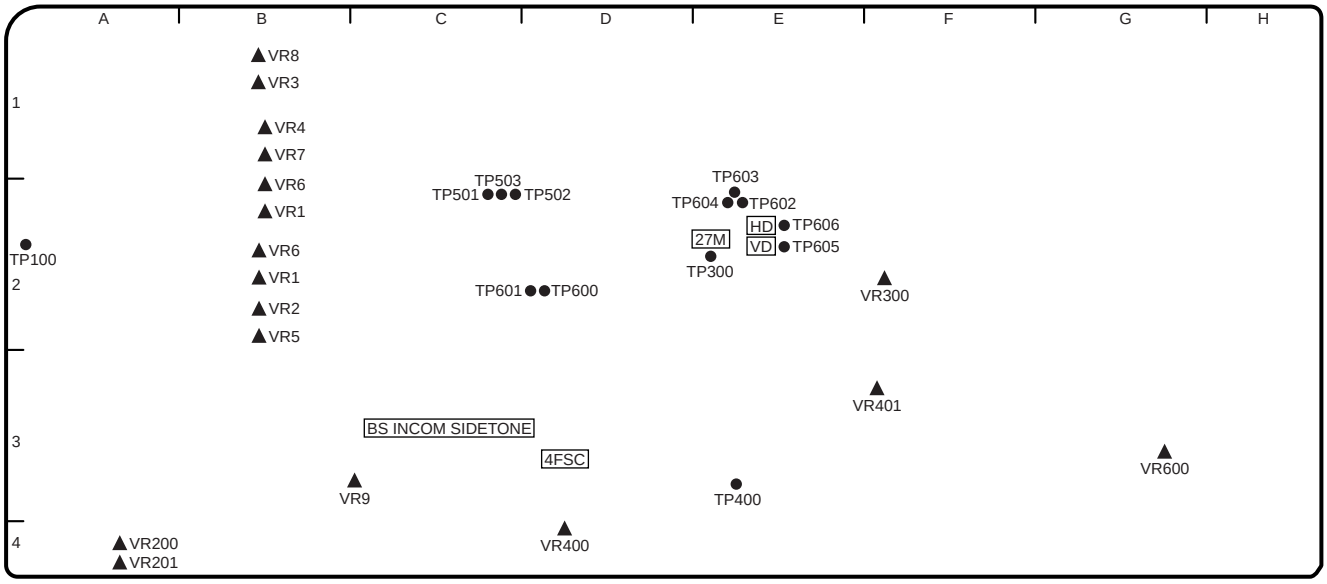


TP AND VR LOCATION

BS AUDIO P.C.BOARD (VEP24184A/B)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC2	B2	IC106	G3	IC303	G2	IC406	F3	IC506	D2	P3	C3	TP503	C2	VR6	B2
IC3	B2	IC107	F1	IC304	F2	IC407	D3	IC507	C1	Q100	G3	TP600	D2	VR7	B1
IC7	B2	IC108	H1	IC305	F2	IC408	G2	IC508	D2	Q101	G3	TP601	D2	VR8	B1
IC9	C3	IC109	G3	IC306	E2	IC409	E3	IC600	D3	Q102	G1	TP602	E2	VR9	C3
IC13	B1	IC110	F1	IC308	F2	IC411	G2	IC601	D2	Q103	G3	TP603	E2	VR200	A3
IC15	B1	IC202	B3	IC309	F2	IC415	F3	IC602	G3	Q104	G3	TP604	E2	VR201	A4
IC19	B1	IC204	B3	IC311	E2	IC419	G3	IC603	D3	Q301	F2	TP605	E2	VR300	F2
IC100	G1	IC205	A3	IC312	E2	IC421	E3	IC604	G3	QR200	A3	TP606	E2	VR400	D3
IC101	E1	IC206	B3	IC313	E2	IC501	E1	IC605	G3	TP100	A2	VR1	B2	VR401	F3
IC102	E1	IC207	C3	IC314	E2	IC502	E1	IC606	G3	TP300	E2	VR2	B2	VR600	G3
IC103	E1	IC208	C3	IC401	F3	IC503	E1	IC608	E2	TP400	E3	VR3	B1		
IC104	F1	IC209	C3	IC402	G2	IC504	E1	P1	H2	TP501	C2	VR4	B1		
IC105	F1	IC300	G2	IC403	F3	IC505	D1	P2	C2	TP502	C2	VR5	B2		



(COMPONENT SIDE)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	A3	IC12	C3	IC107	F1	IC302	F2	IC412	F3	IC500	D2	Q201	C4	QR600	E2
IC4	B3	IC14	B1	IC110	F1	IC307	F2	IC413	F3	IC509	C1	Q300	G2		
IC5	B2	IC16	B1	IC111	G3	IC310	E2	IC414	D3	IC607	G3	Q400	G2		
IC6	B2	IC17	A2	IC200	A3	IC400	F3	IC416	F3	IC609	G3	Q401	G2		
IC8	C2	IC18	B2	IC201	A3	IC404	D3	IC417	F3	IC610	E3	Q402	G2		
IC10	B3	IC20	C1	IC203	A4	IC405	D3	IC418	D3	IC611	E2	Q600	G3		
IC11	C3	IC100	G1	IC301	F2	IC410	F3	IC420	E3	Q200	C3	QR201	C3		

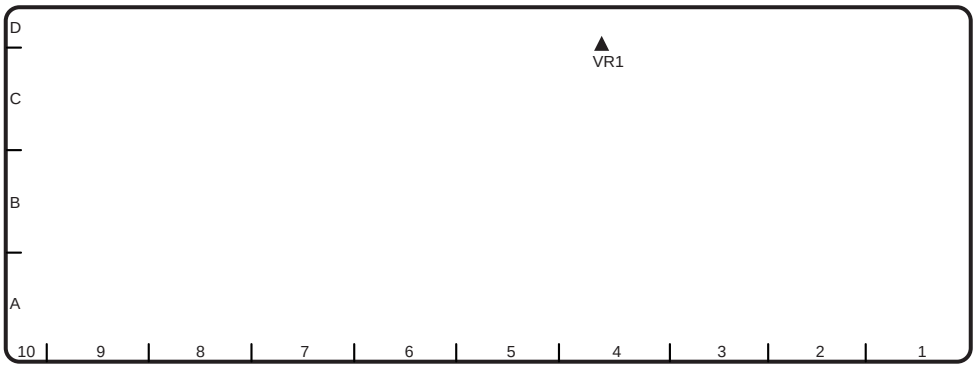
BS POWER P.C.BOARD (VEP21288A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC3	C4	IC16	A3	P1	A5	Q5	C7	Q17	B7
IC4	C6	IC17	A2	P2	A2	Q6	C7	Q18	B8
IC5	B6	IC18	A2	P3	D9	Q7	C7	Q19	B7
IC6	A6	IC19	A2	P4	C1	Q8	C8	Q20	B7
IC8	D3	IC20	C3	P5	D9	Q9	C7	Q21	B8
IC9	C2	IC21	B4	P6	B9	Q10	C7	Q22	B8
IC10	A4	IC22	C2	P7	D1	Q11	C7	Q23	B9
IC11	A3	IC23	C9	P8	C8	Q12	C7	Q24	A1
IC12	A3	IC24	C9	Q1	C5	Q13	C8	Q25	A2
IC13	A3	IC201	A3	Q2	C4	Q14	B7		
IC14	A2	IC202	A3	Q3	C5	Q15	B7		
IC15	A4	IC203	C3	Q4	C7	Q16	B7		

FOIL SIDE

REF	LOC
IC1	C1
IC2	C3
IC25	A3
IC26	A2
VR1	D4



(FOIL SIDE)

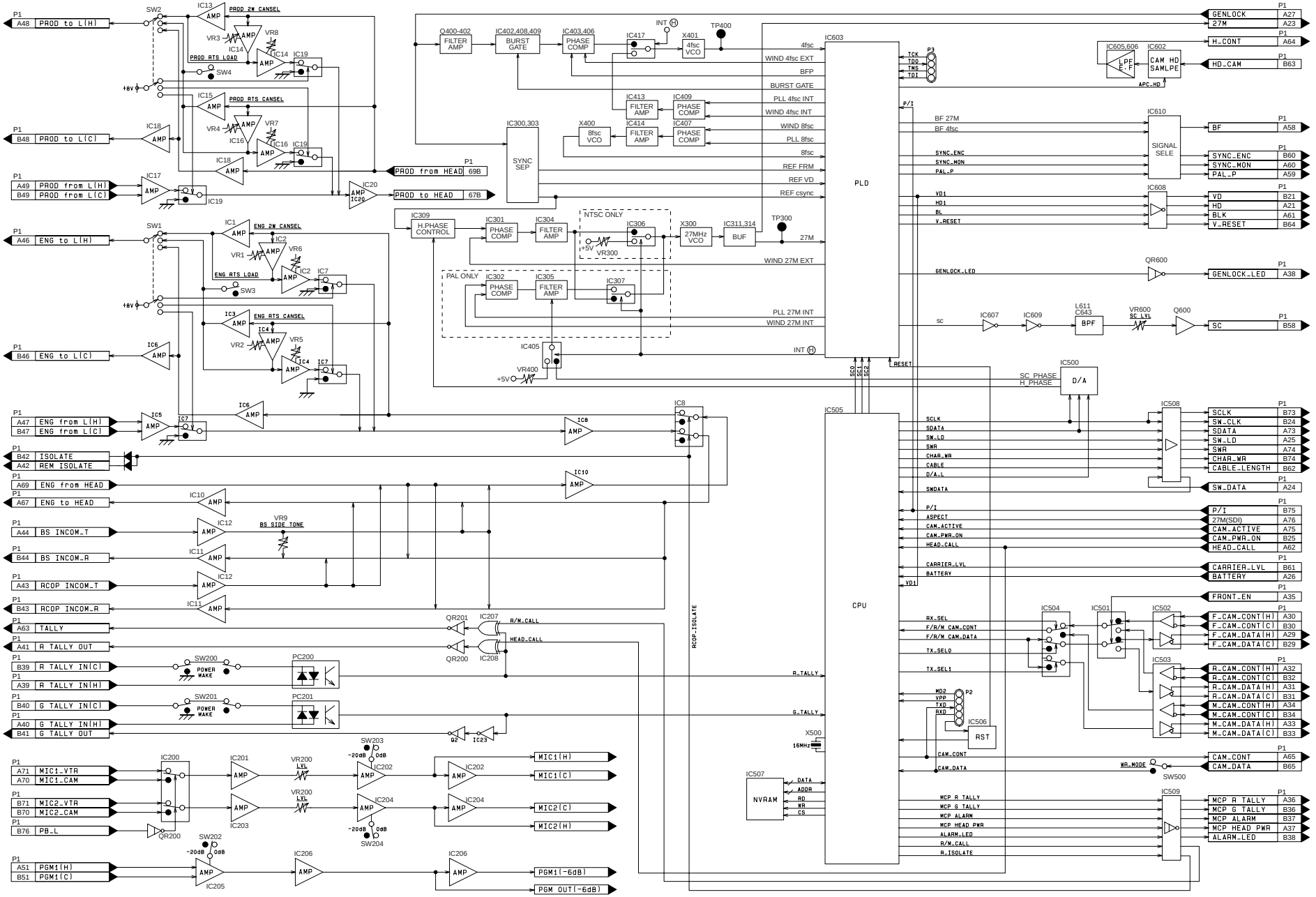
SECTION 3

BLOCK DIAGRAM

CONTENTS

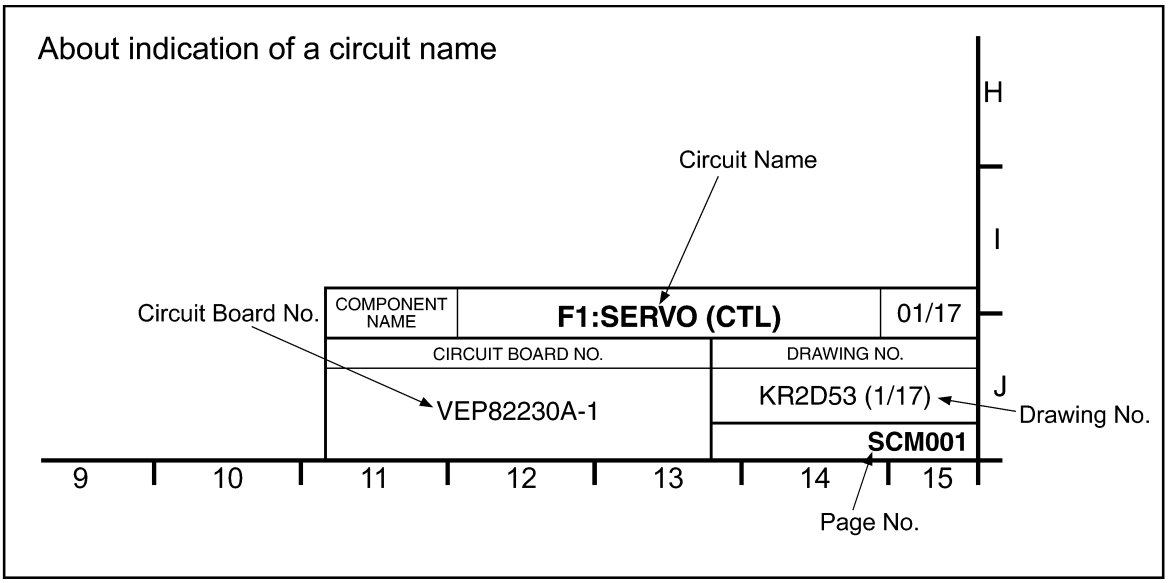
BS AUDIO BLOCK DIAGRAM BLK-1

BS AUDIO BLOCK DIAGRAM



SECTION 4

SCHEMATIC DIAGRAMS



NOTE:
BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 5

CAUTION

THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

CONTENTS

<< AJ-CA901 >>

CAM IF

CAM-IF (1/1) SCM001

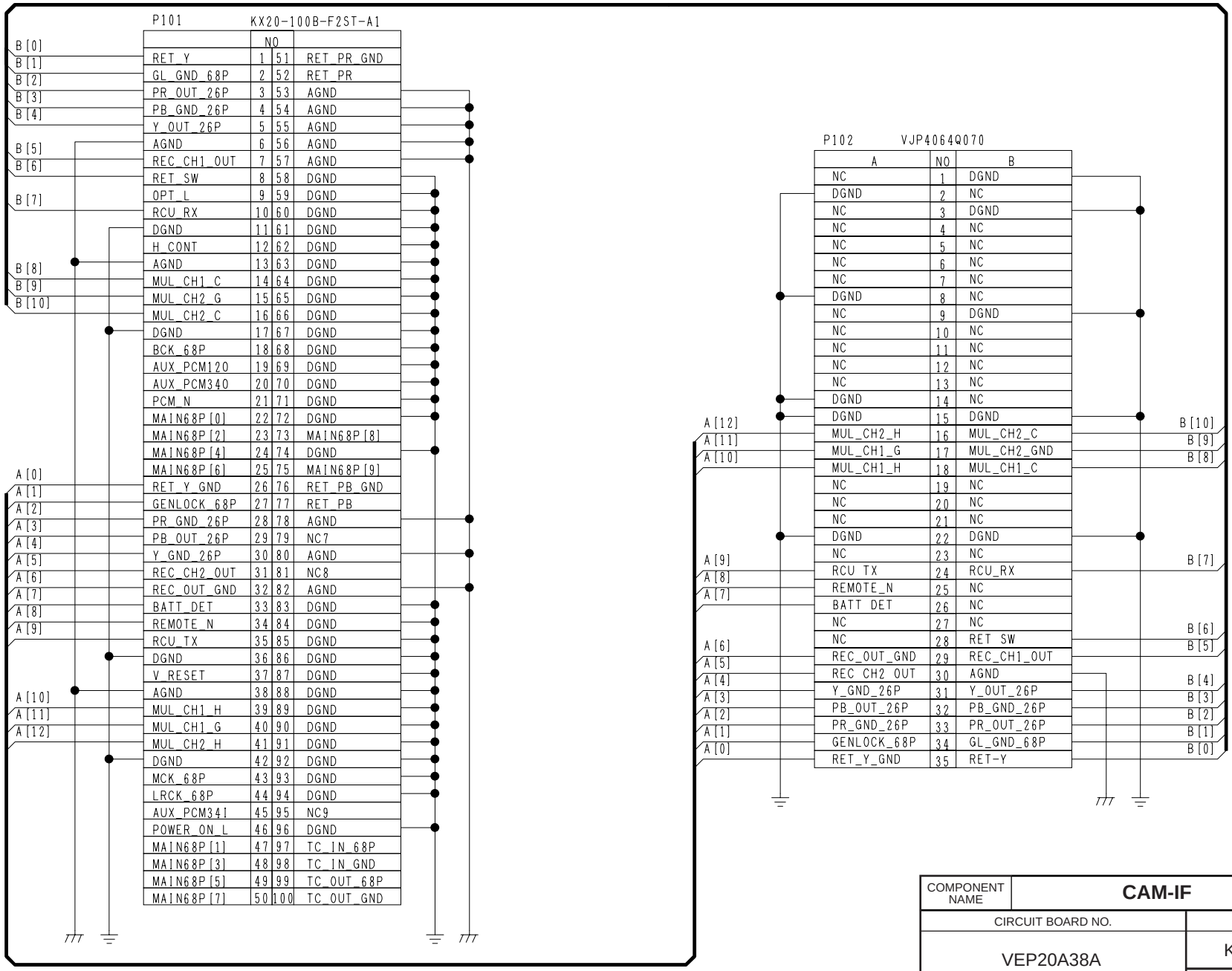
<< AJ-BS901 >>

BS AUDIO

BS AUDIO (1/8) SCM002
BS AUDIO (2/8) SCM003
BS AUDIO (3/8) SCM004
BS AUDIO (4/8) SCM005
BS AUDIO (5/8) SCM006
BS AUDIO (6/8) SCM007
BS AUDIO (7/8) SCM008
BS AUDIO (8/8) SCM009

BS POWER

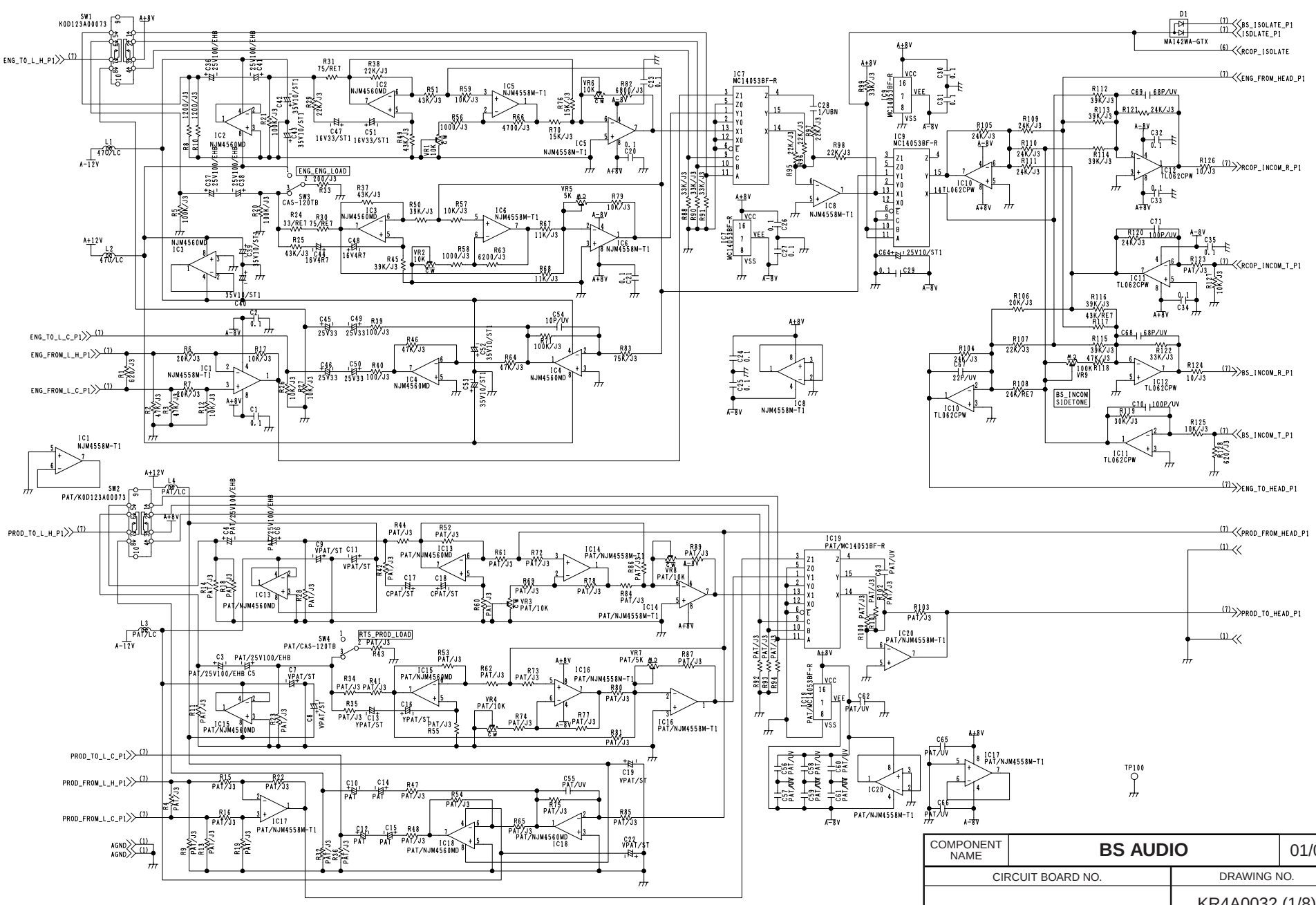
BS POWER (1/2) SCM010
BS POWER (2/2) SCM011



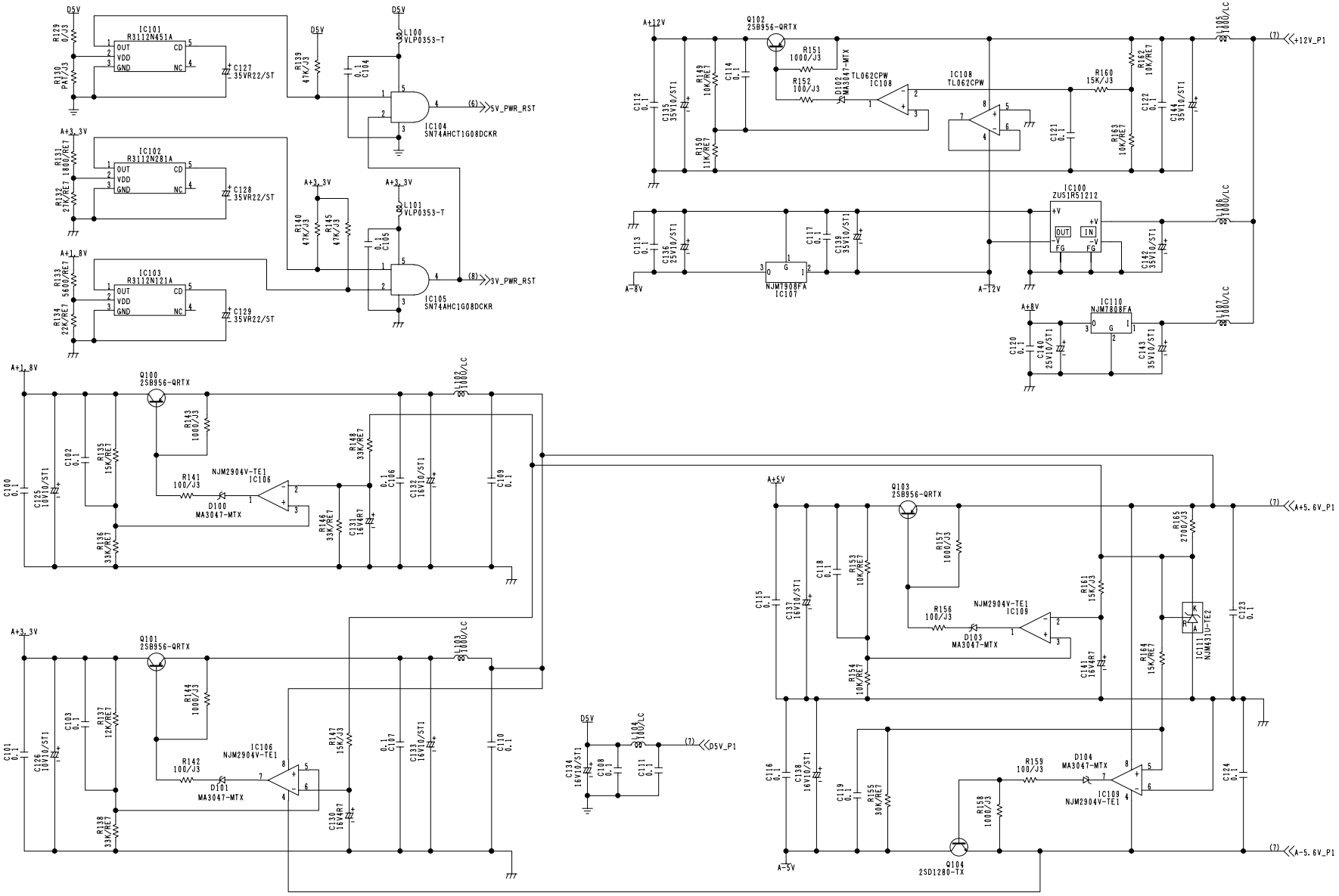
COMPONENT NAME	**CAM-IF**	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP20A38A		KR0U17 (1/1) (0)
		SCM001

A B C D E F G H I J

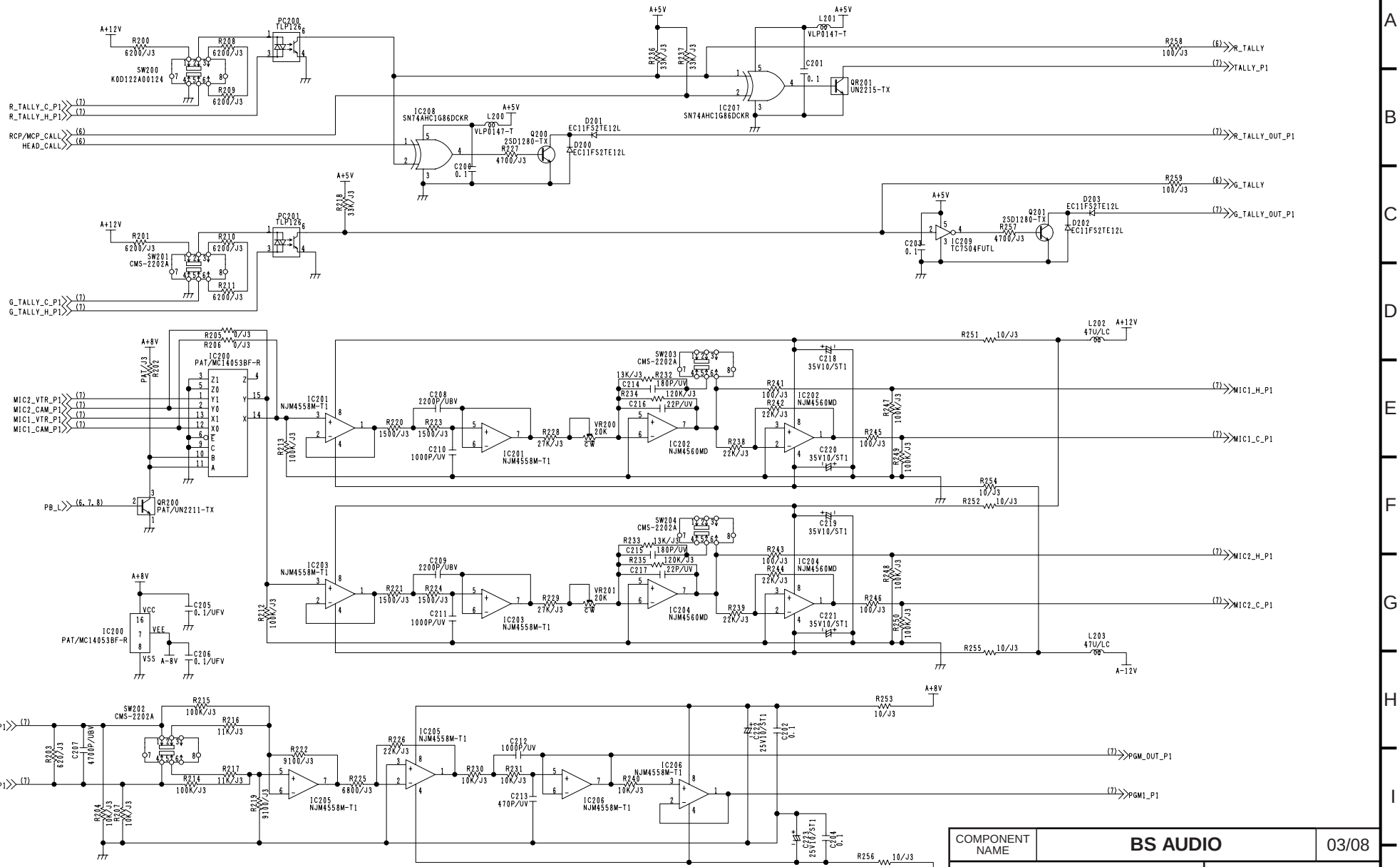
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



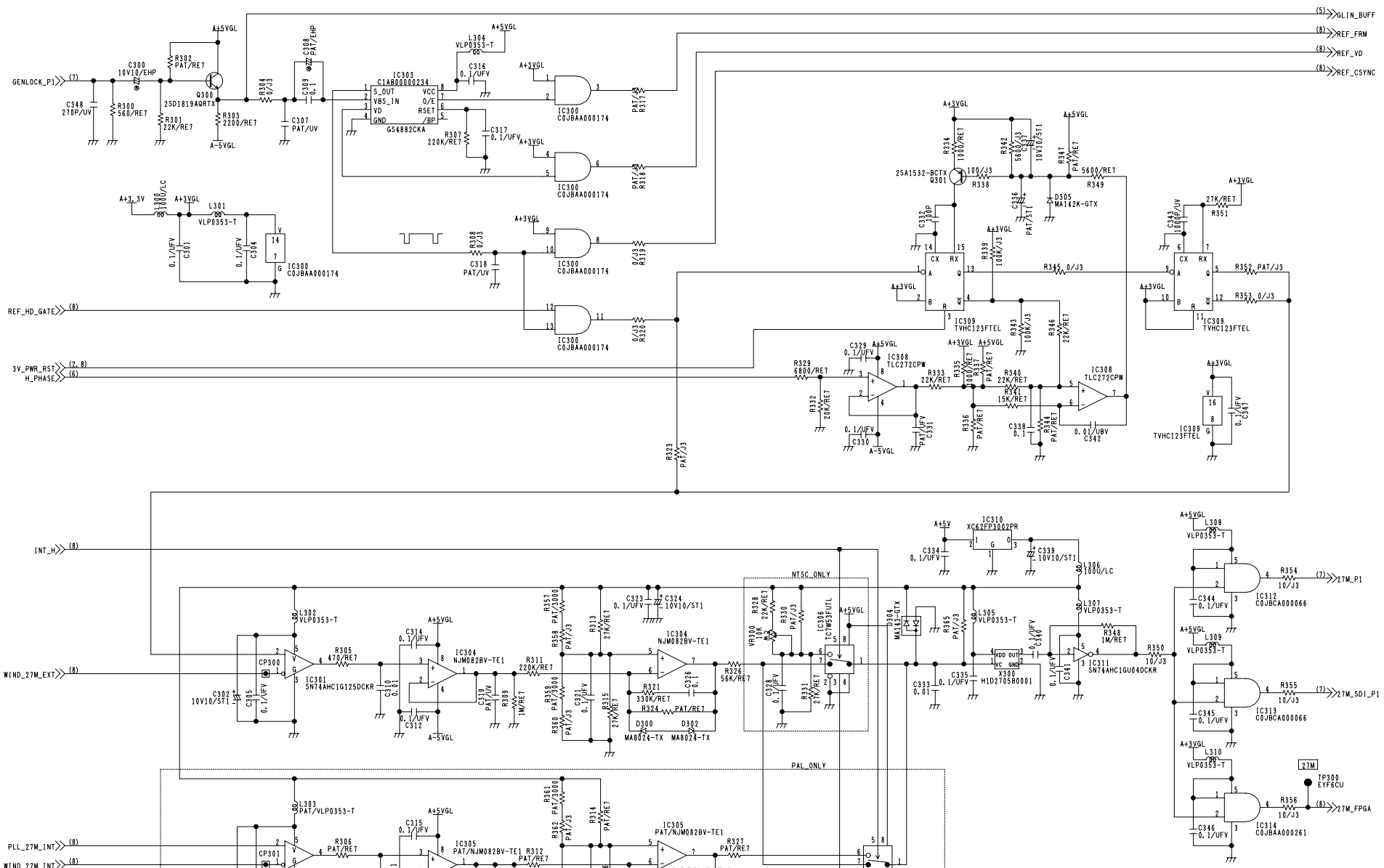
COMPONENT NAME	**BS AUDIO**	01/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP24184A/B		KR4A0032 (1/8) (0)
		SCM002



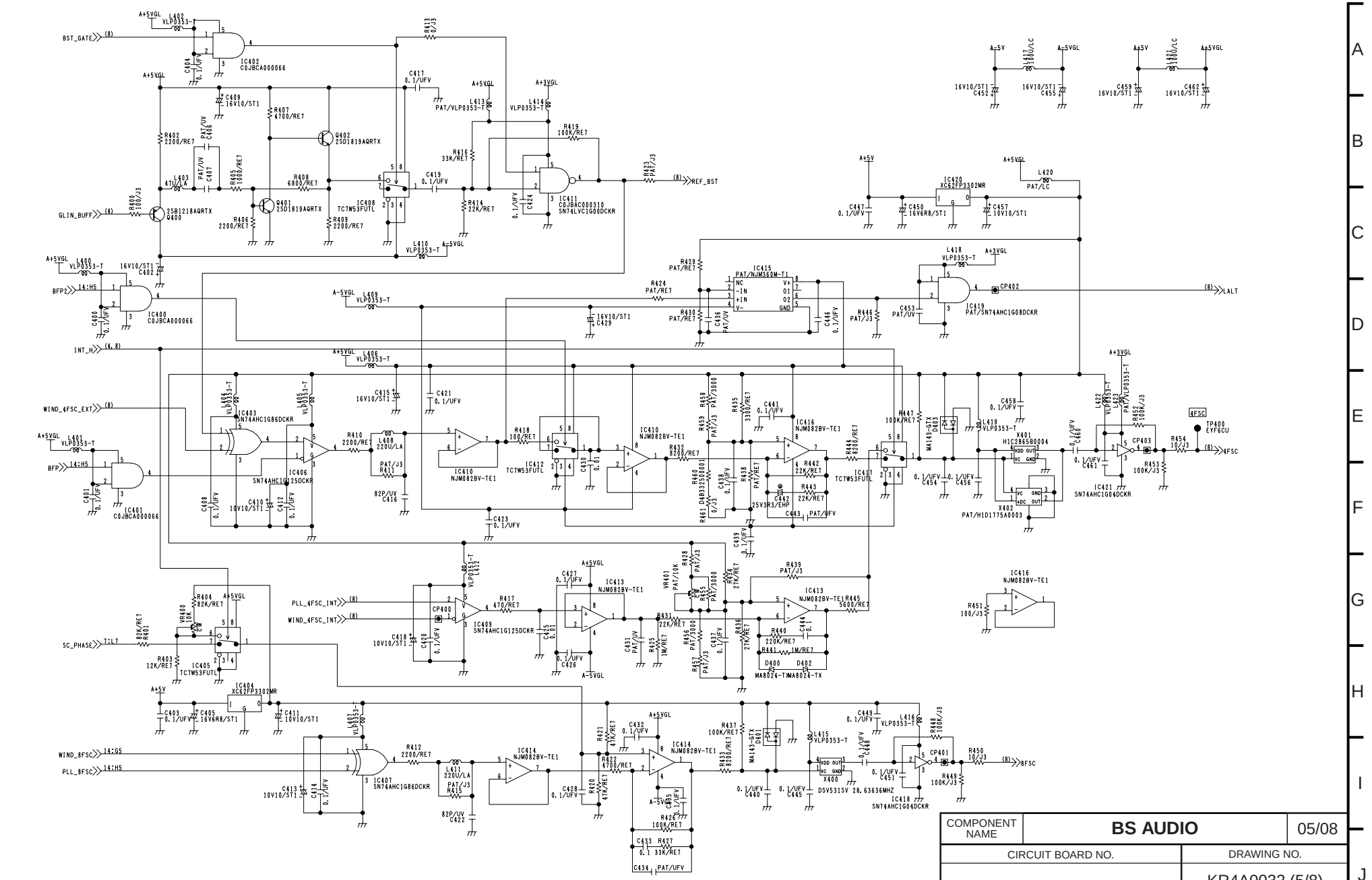
COMPONENT NAME	**BS AUDIO**	02/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP24184A/B		KR4A0032 (2/8) (0)
		SCM003



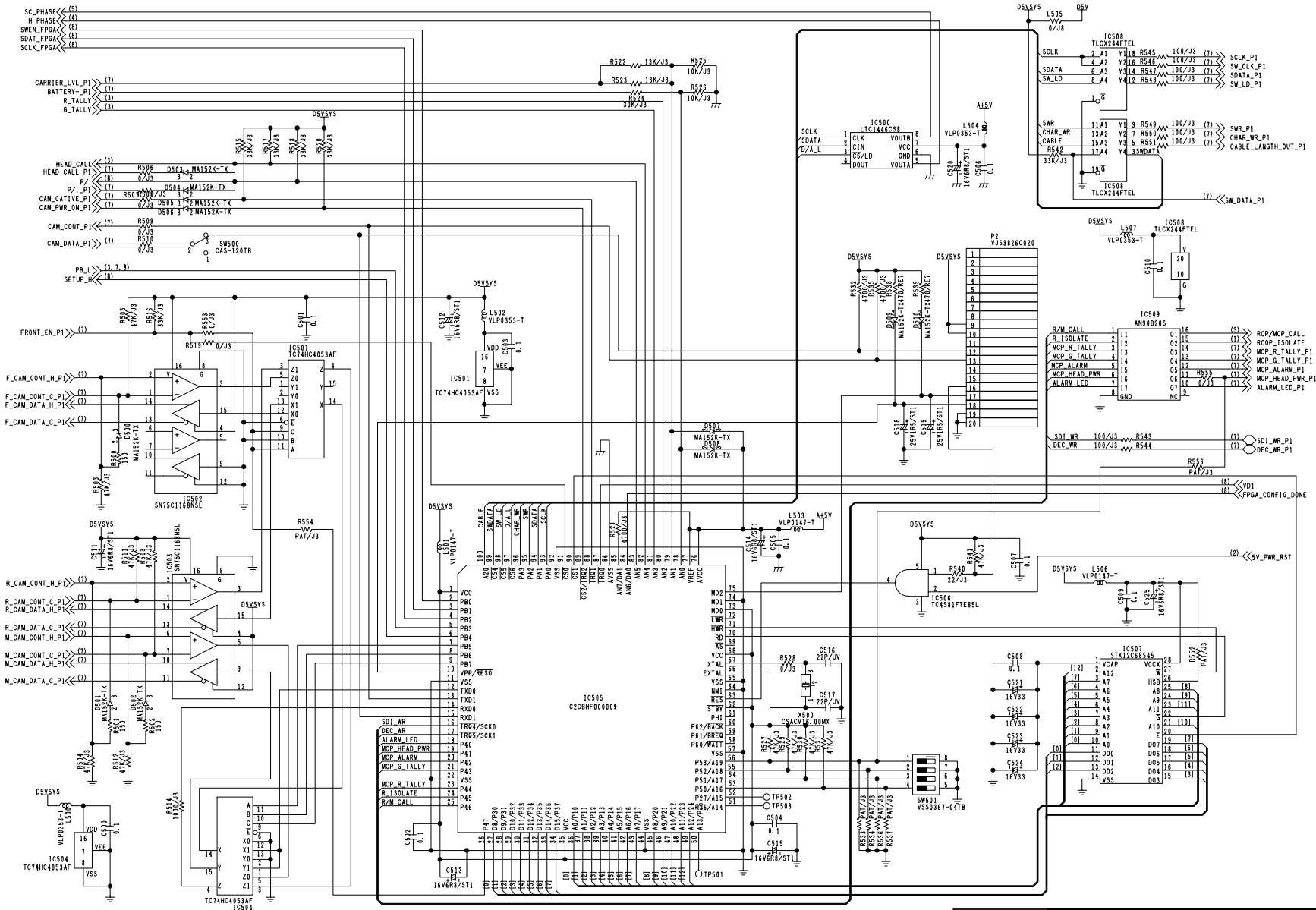
COMPONENT NAME	**BS AUDIO**	03/08
CIRCUIT BOARD NO.	DRAWING NO.	
VEP24184A/B	KR4A0032 (3/8) (0)	
	SCM004	



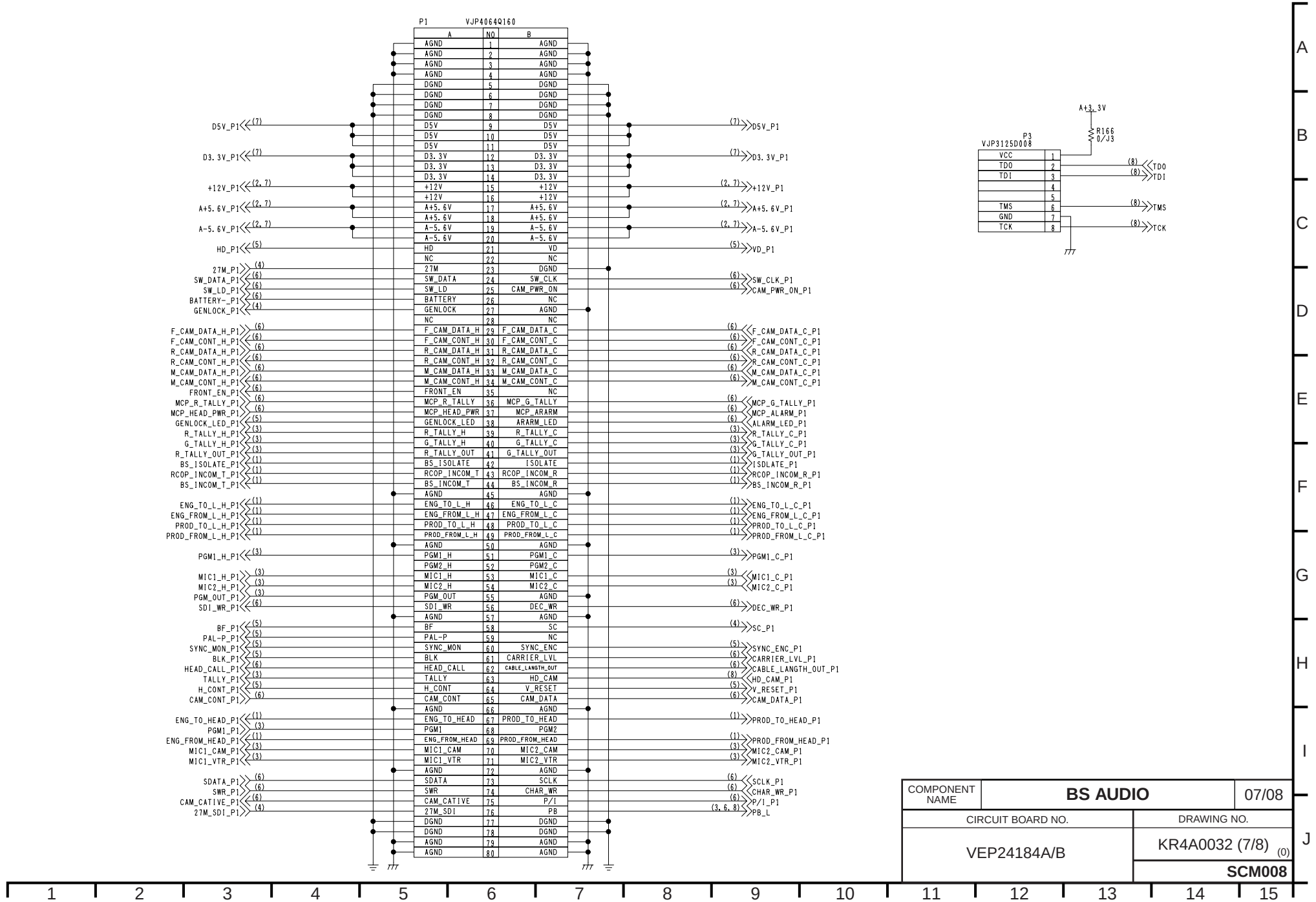
COMPONENT NAME	**BS AUDIO**	04/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP24184A/B		KR4A0032 (4/8) (0)
		SCM005



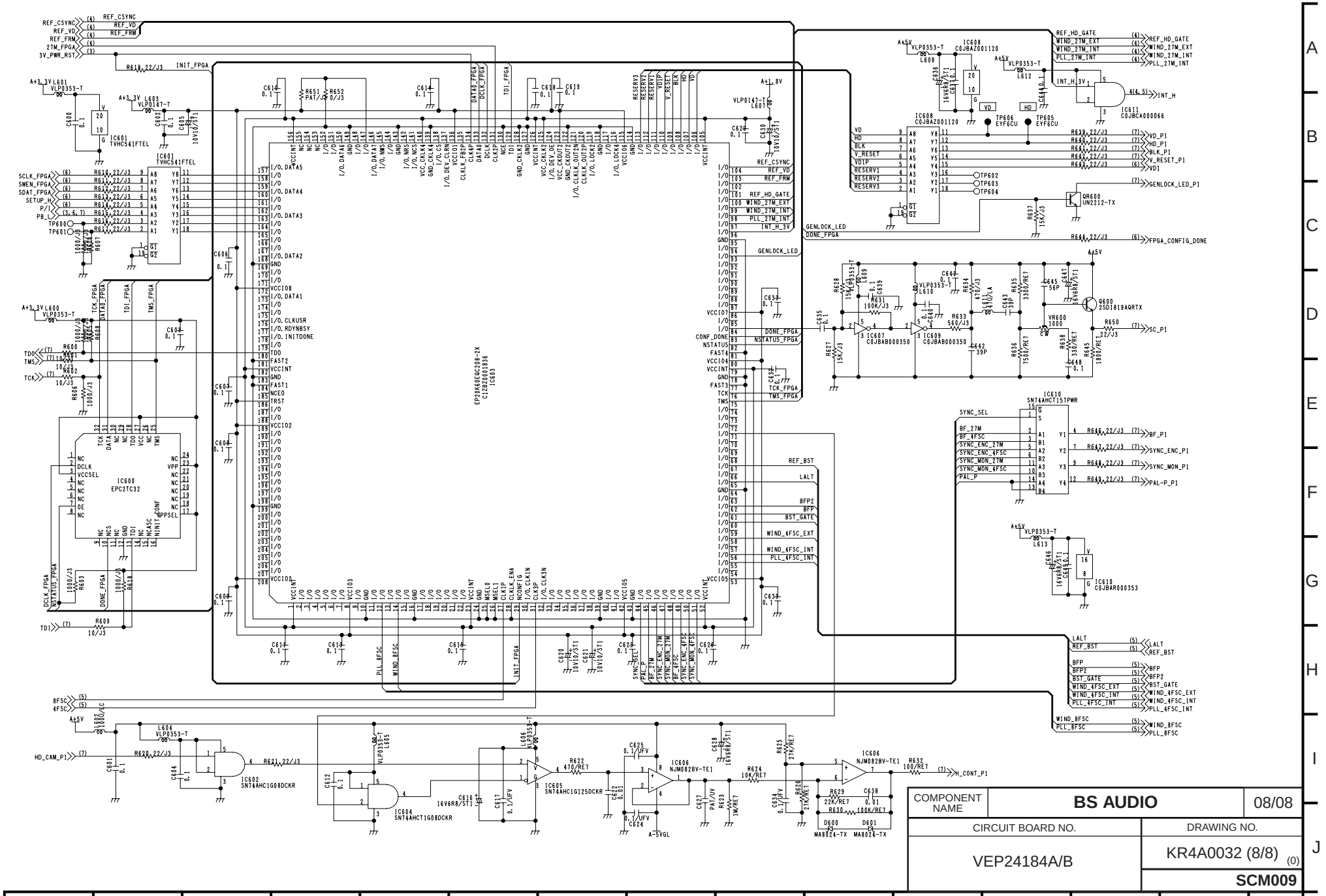
COMPONENT NAME	**BS AUDIO**	05/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP24184A/B		KR4A0032 (5/8) (0)
		SCM006



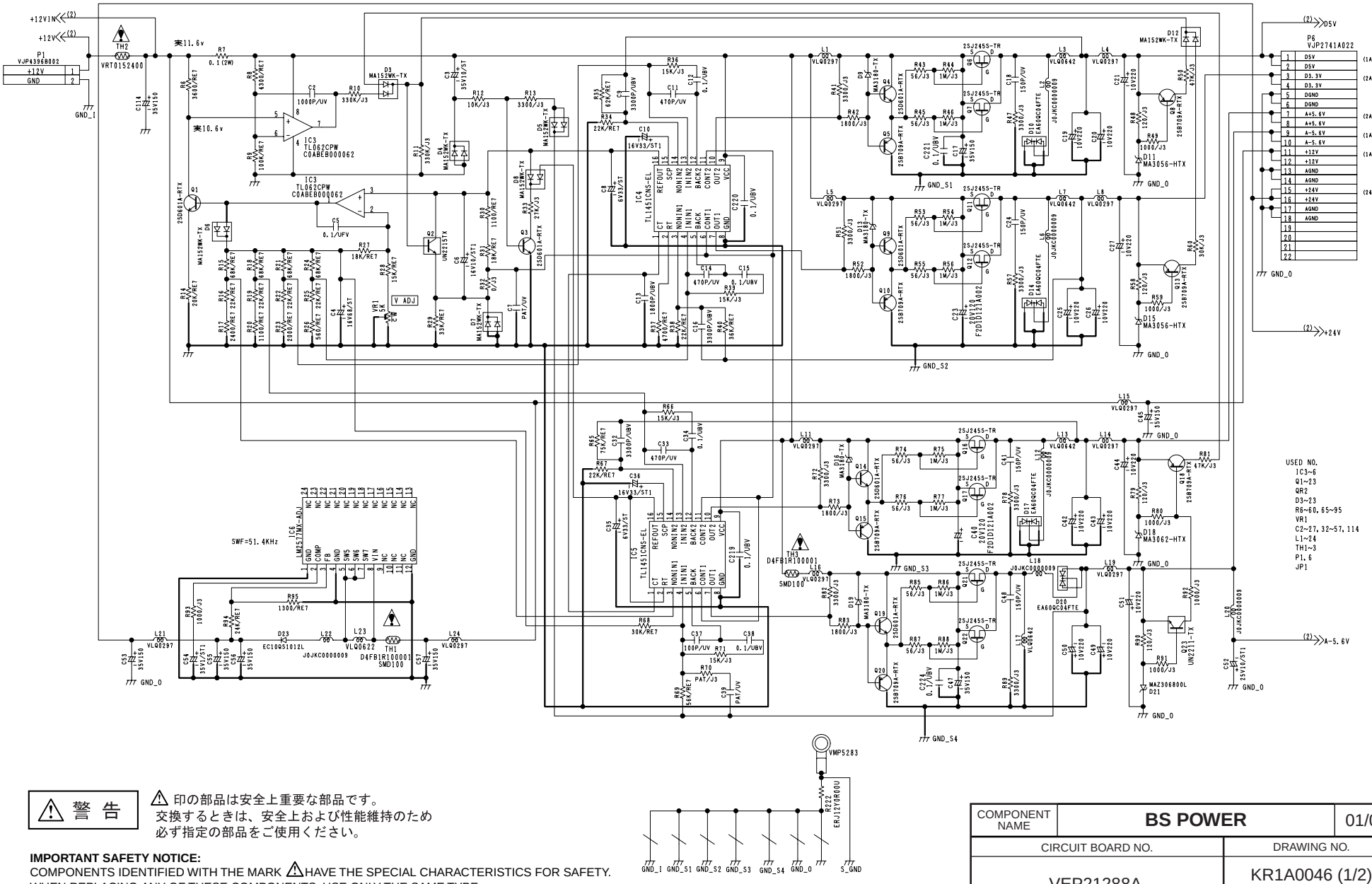
COMPONENT NAME	**BS AUDIO**	06/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP24184A/B		KR4A0032 (6/8) (0)
		SCM007



COMPONENT NAME	**BS AUDIO**	07/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP24184A/B		KR4A0032 (7/8) (0)
		SCM008



COMPONENT NAME	BS AUDIO	08/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP24184A/B		KR4A0032 (8/8) (0)
		SCM009

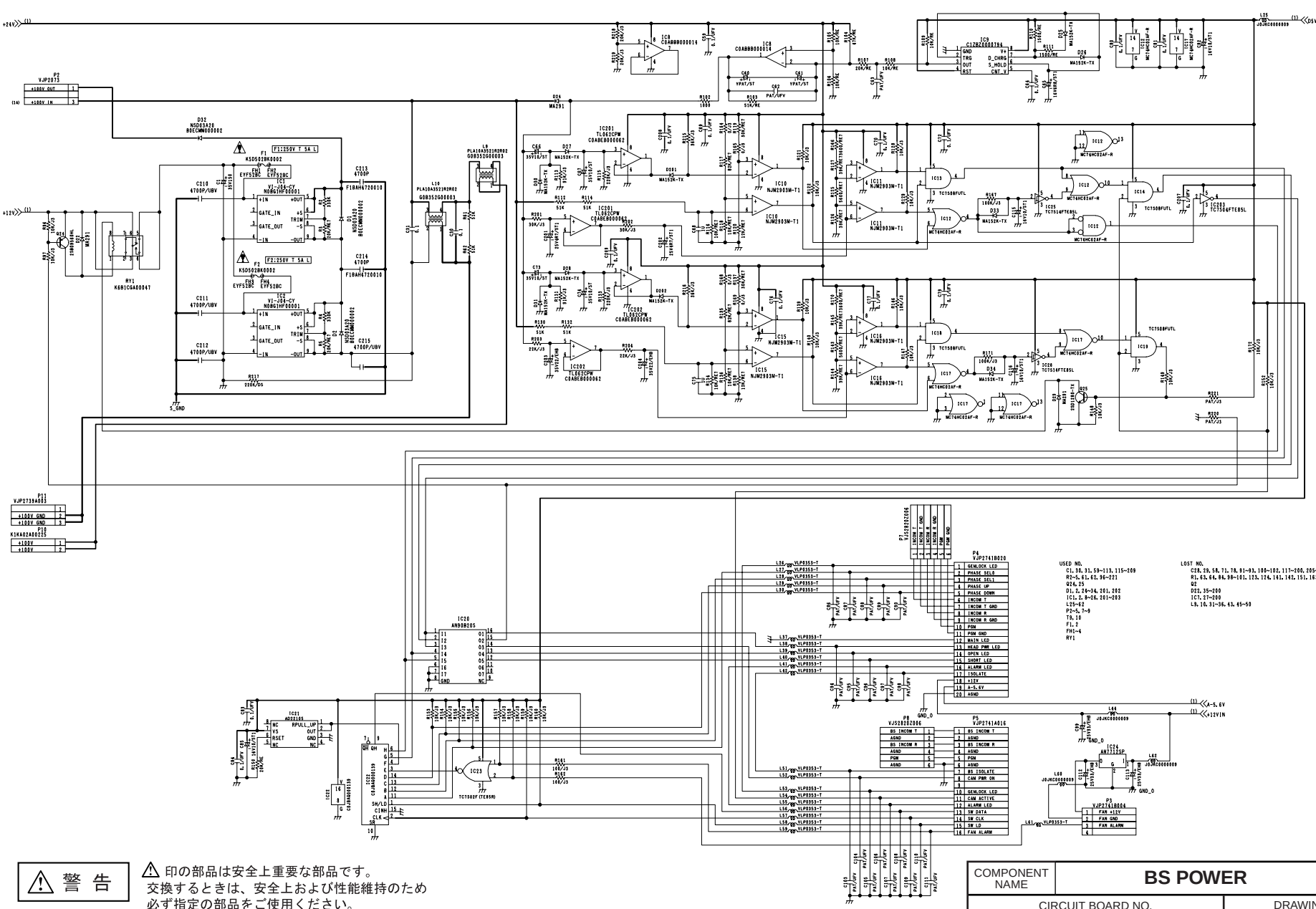


⚠ 警 告

⚠ 印の部品は安全上重要な部品です。
交換するときは、安全上および性能維持のため
必ず指定の部品をご使用ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

COMPONENT NAME	BS POWER	01/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP21288A		KR1A0046 (1/2) (0)
		SCM010



⚠ 警 告

⚠ 印の部品は安全上重要な部品です。
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IMPORTANT SAFETY NOTICE:
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COMPONENT NAME	BS POWER	02/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP21288A		KR1A0046 (2/2) (0)
		SCM011

SECTION 5

EXPLODED VIEWS
&
REPLACEMENT PARTS LIST

Note:

1. *Be sure to make your orders of replacement parts according to this list.
2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μF), P=μμF.
3. The P.C. Board unit marked with "■" shown below the main assembled parts.
4. The parts marked with Ⓔ on the exploded view show the electric parts.
5. IMPORTANT SAFETY NOTICE
   Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.
6. The marking (RTL) indicates the retention time is limited for this item.
   After the discontinuation of this assembly in production, it will no longer be available.
7. "M" in Remark column indicates needed in the periodical maintenance.

CONTENTS

SERVICING FIXTURES & TOOLS
MECHANICAL CHASSIS ASSEMBLY (AJ-CA901P/EN/MC) PRT-1
MECHANICAL CHASSIS ASSEMBLY (AJ-BS901P/EN/MC) PRT-3
POWER SUPPLY ASSEMBLY (AJ-BS901P/EN/MC) PRT-4
PACKING PARTS ASSEMBLY PRT-7
ELECTRICAL REPLACEMNT PARTS LIST (AJ-CA901P) EPL-1
ELECTRICAL REPLACEMNT PARTS LIST (AJ-BS901P) EPL-6
ELECTRICAL REPLACEMNT PARTS LIST (AJ-CA901EN/MC) EPL-16
ELECTRICAL REPLACEMNT PARTS LIST (AJ-BS901EN/MC) EPL-21

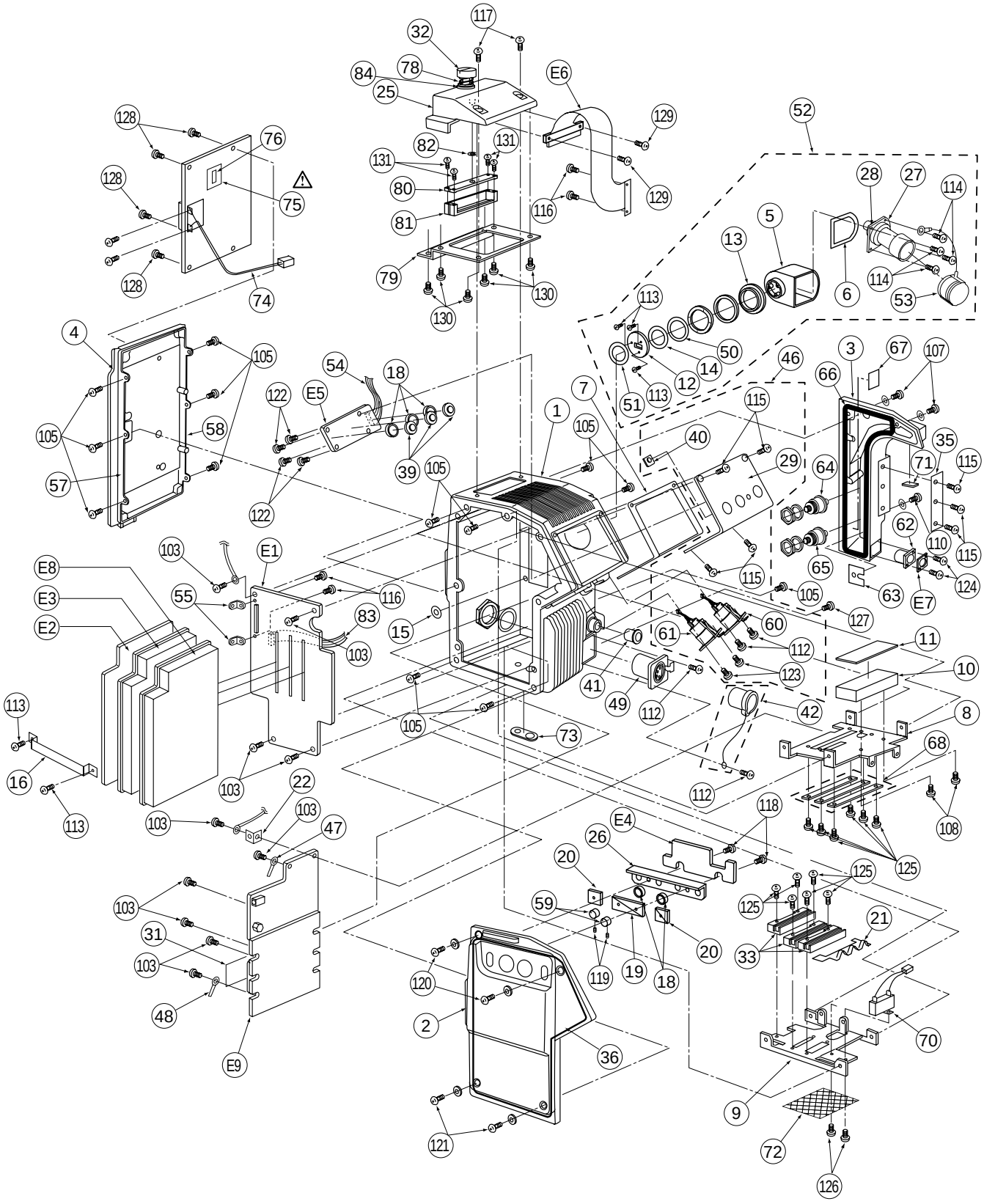
SERVICING FIXTURES & TOOLS

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VFK1194	EXTENSION BOARD	1	For AJ-CA901P/EN/MC
2	VFK1671	EXTENSION BOARD	1	For AJ-BS901P/EN/MC
3	VFK1703	EXTENSION CABLE	1	For AJ-BS901P/EN/MC
4	VFK1590	PLD VERSION UPGRADE TOOL	1	
5	VFK1590P2H	CPLD WRITER CABLE	1	For AJ-BS901P/EN/MC
6	VFK1590P2K	CPLD WRITER CABLE	1	For AJ-CA901P/EN/MC

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

MECHANICAL CHASSIS ASSEMBLY (AJ-CA901P/EN/MC)

Components identified with the mark ⚠ have the special characteristics for safety.
When replacing any of these components, use only the same type.



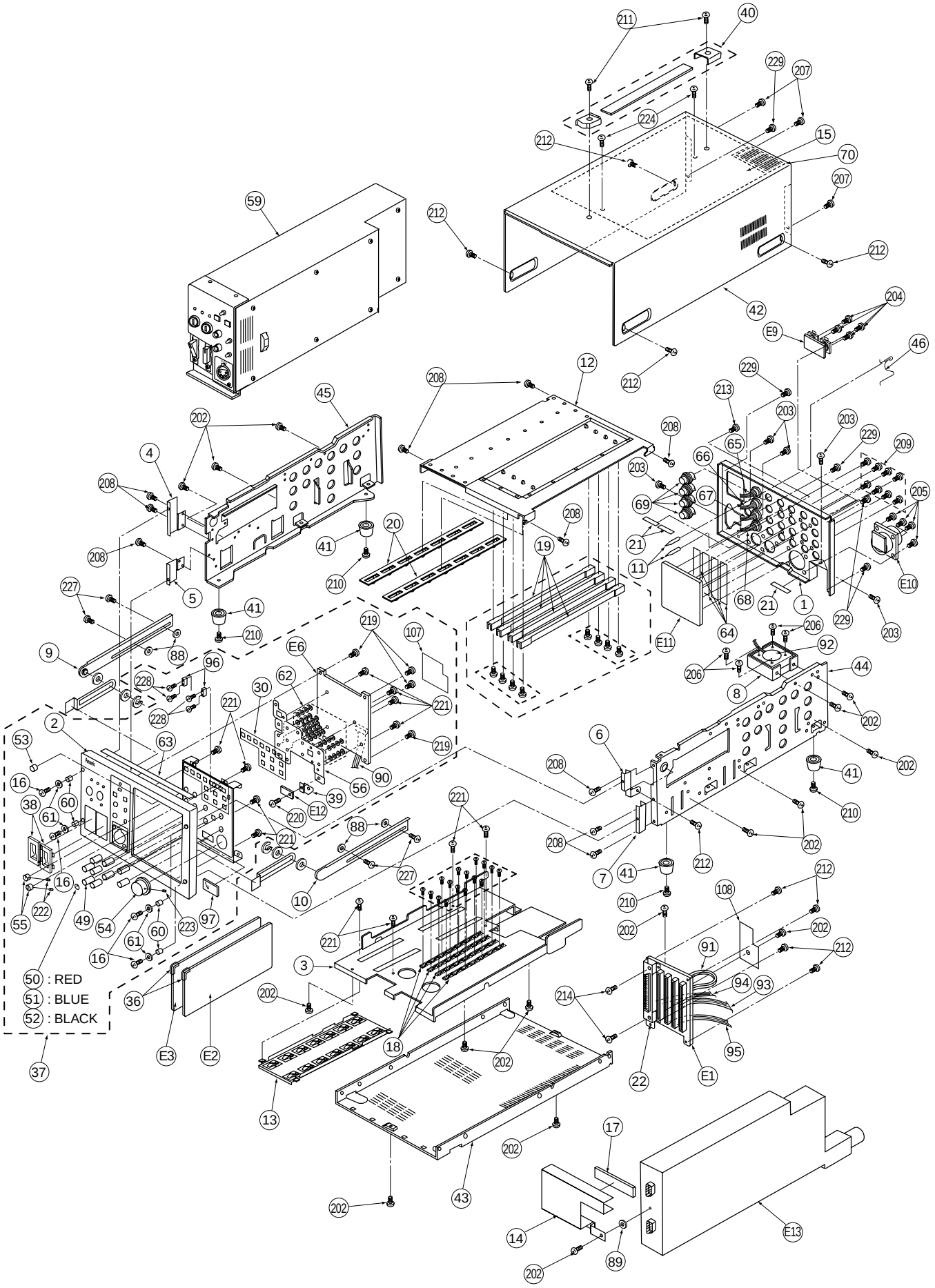
MECHANICAL CHASSIS ASSEMBLY (AJ-CA901P/EN/MC)

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VKM5475	MAIN FRAME	1	
2	VKF3828	SIDE PANEL (L)	1	
3	VKF3372	SIDE PANEL (R)	1	
4	VGQ5903	PLATE	1	
5	VKF3277	CONNECTOR COVER	1	
6	VMT1229	SHIELD SHEET	1	
7	VSC5312	SHIELD SHEET FOR PANEL	1	
8	VMP6937	P.C.BOARD GUIDE (UPPER)	1	
9	VMP6938	P.C.BOARD GUIDE (LOWER)	1	
10	VMD4316	BLOCK (1)	1	
11	VSC5313	THERMAL CONDUCTIVE 2	1	
12	VMD4309	LOCK PLATE 2	1	
13	VMD4310	WASHER (SMALL)	1	
14	VMD4311	TEFLON WASHER	1	
15	VMD4312	TEFLON WASHER (LARGE)	1	
16	VMA0L85	P.C.BOARD HOLDER	1	
18	VMX3113	COLLAR	5	
19	VMG1426	WATERPROOF RUBBER	1	
20	VMT1230	WATERPROOF SHEET	2	
21	VMB3582	EARTH SPRING (2)	1	
22	VMD4527	TERMINAL ANGLE	1	
25	VKF3796	HOUSING	1	
26	VMA0M77	INCOM BRACKET	1	
27	VMP6940	CN PLATE (K)	1	FOR AJ-CA901P
27	VMP6941	CN PLATE (F)	1	FOR AJ-CA901EN/MC
28	VSC5275	LUG TERMINAL	1	FOR AJ-CA901P
29	VMP6838	REAR PANEL A	1	
31	VMZ3177	CAM, FIL BARRIER (C)	1	
32	VHD1629	SCREW	1	
33	VGQ4137	P.C.BOARD GUIDE RAIL	3	
35	VMG1099	PROTECT RUBBER	1	
36	VMG0832	SHIELD TUBE	1	
39	VGU8993	OPERATION BUTTON	3	
40	VGL0512	LED PANEL LIGHT	1	
41	VEE0S50	CAP	1	
42	K1YD04000002	XLR CAP	1	FOR DC OUT
46	VEJ2017	JACK ASS'Y	1	
47	VJF1443	CLAMPER	1	
48	SHR330	CLAMPER	1	
49	VEE0S46	EXT DC OUT CABLE	1	
50	VMD4313	WASHER (MIDDLE)	1	
51	VSC5314	INSULATION SHEET (1)	1	
52	VYK0D29	CONNECTOR CASE ASS'Y	1	FOR AJ-CA901P
52	VYK0E13	CONNECTOR CASE ASS'Y	1	FOR AJ-CA901EN/MC
53	VEE0S06	CABLE ASS'Y	1	FOR AJ-CA901P
53	VEE0S07	CABLE ASS'Y	1	FOR AJ-CA901EN/MC
54	VEE0S51	CABLE	1	
55	VMP6942	L ANGLE	2	
57	VHN0349	PLATE NUT (L)	1	
58	VHN0350	PLATE NUT (R)	1	
59	VXU0977	VR KNOB	2	
60	VEE0S55	CABLE	1	
61	VEE0S53	CABLE	1	
62	VMX3171	DC IN SPACER	1	
63	VMZ3238	CABLE PROTECT SHEET	1	
64	VEE0S49	CABLE	1	
65	VEE0S48	CABLE	1	
66	VMG0832	SHIELD TUBE	1	
67	VSC5311	INSULATION SHEET	1	
68	VJF1455	GUIDE RAIL	1	
70	VEE0S45	CABLE	1	
71	VMG1425	CUSHION	1	
72	VMW0214	MESH SHEET	1	
73	VMG0953	E.E CAP	1	
74	VEE0S47	CABLE	1	
⚠ 75	VGQ1712	AHP BASE	1	
76	VJF1158	CLAMPER	1	
78	VMB3821	SPRING	1	
79	VMP7808	HOUSING PLATE	1	
80	VMP7809	CONNECTOR PLATE	1	

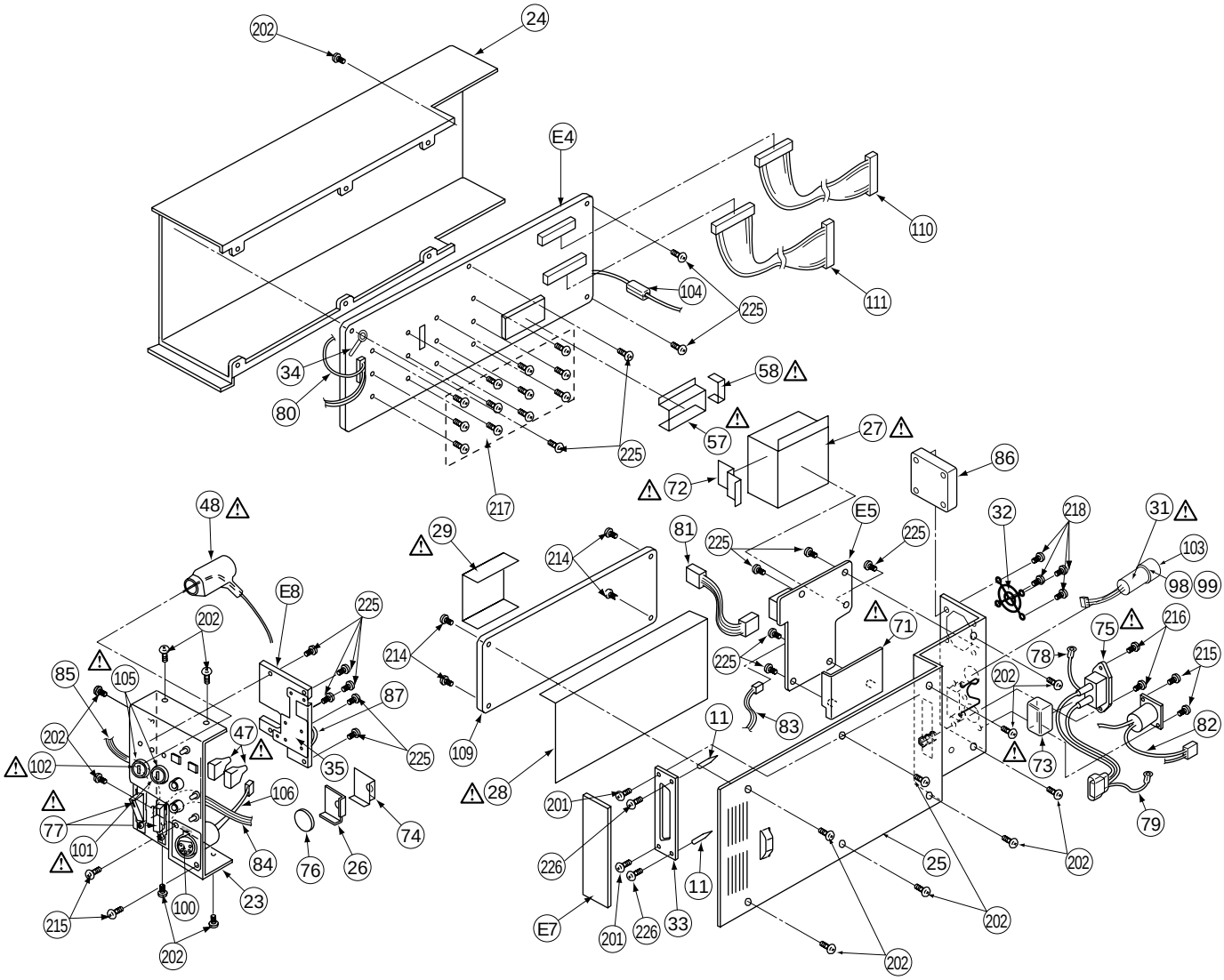
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
81	VMP7810	CONNECTOR HOLDER	1	
82	XUC25VM	E-RING	1	
83	VEE0S54	CABLE	1	
84	VHN0360	WASHER	1	
103	XYN3+K8	SCREW	10	
105	XYN3+C8	SCREW	13	
107	XSN3+8FZ	SCREW	2	
108	XSB3+5	SCREW	2	
110	XSN3+35FZ	SCREW	1	
112	XSN25+6FC	SCREW	4	
113	XYNV3+K12S	SCREW	5	
114	XSN3+6FZ	SCREW	4	
115	XSB3+6FZ	SCREW	7	
116	XYN3+K6RS	SCREW	4	
117	XSB4+14FCK	SCREW	2	
118	XYN3+C6	SCREW	2	
119	XXEV2W3FP	HEX SCREW	2	
120	VHD1515	SCREW	2	
121	VHD1517	SCREW	2	
122	XYN3+K6	SCREW	4	
123	XSN26+6FCK	SCREW	2	
124	XSN25+10FC	SCREW	2	
125	XYN2+J8	SCREW	12	
126	XSB3+6	SCREW	2	
127	XSB3+8FZ	SCREW	1	
128	XSS3+8FZ	SCREW	4	
129	XYN2+F10	SCREW	2	
130	XSS25+5	SCREW	6	
131	XSS2+6	SCREW	4	
E1	VEP20816A	CAM MOTHER P.C.BOARD	1	
E2	VEP23516C	CAM DIGITAL P.C.BOARD	1	FOR AJ-CA901P
E2	VEP23516D	CAM DIGITAL P.C.BOARD	1	FOR AJ-CA901EN/MC
E3	VEP21250A	CAM POWER P.C.BOARD	1	
E4	VEP24165A	CAM INCOM P.C.BOARD	1	
E5	VEP20817A	CAM RET P.C.BOARD	1	
E6	VEP20A38A	CAM IF P.C.BOARD	1	
E7	VEP20835A	CAM DC IN P.C.BOARD	1	
E8	VEP27216A	CAM RF ASS'Y	1	
E9	VEP20834A	CAM FIL ASS'Y	1	

MECHANICAL CHASSIS ASSEMBLY (AJ-BS901P/EN/MC)



POWER SUPPLY ASSEMBLY (AJ-BS901P/EN/MC)

Components identified with the mark ⚠ have the special characteristics for safety.
When replacing any of these components, use only the same type.



MECHANICAL CHASSIS ASSEMBLY (AJ-BS901P/EN/MC)

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VGM1807	REAR PANEL	1	
2	VGM2073	FRONT COVER	1	
3	VMK0539	MAIN FRAME	1	
4	VMA0L73	FL BRACKET A	1	
5	VMA0L74	FL BRACKET B	1	
6	VMA0L75	FR BRACKET A	1	
7	VMA0L76	FR BRACKET B	1	
8	VMA0L77	FAN BRACKET	1	
9	VMD4511	RAIL (L)	1	
10	VMD4512	RAIL (R)	1	
11	VMS7030	LOCATE PIN	4	
12	VMA0L78	UPPER GUIDE ASS'Y	1	
13	VMA0L81	LOWER GUIDE	1	
14	VMA0M48	P.C.BOARD HOLDER PLATE	1	
15	VMP7074	TOP PANEL ANGLE	1	
16	VHD1516	SCREW	4	
17	VMG1399	HOLDER RUBBER	1	
18	VJF1448	CARD RETAINER	4	
19	VGQ6310	GUIDE RAIL	4	
20	VMB3558	SLIDE FINGER	2	
21	VMC1760	SHIELD FINGER	3	
22	VMP6932	D-SUB BRACKET A	1	
23	VYP8260	POWER BOX FRONT PANEL	1	
24	VGP5592	POWER BOX CASE	1	
25	VGP5593	POWER BOX COVER	1	
26	VMD4510	INCOM SHIELD	1	
⚠ 27	VMZ3105	AC FIL BARRIER (1)	1	
⚠ 28	VMZ3103	POWER BARRIER (A)	1	
⚠ 29	VMZ3104	POWER BARRIER (B)	1	
30	VMT1262	BLIND PAD	1	
⚠ 31	VJF1446	FUSE PIPE	1	
32	VGF0527	FAN GUARD	1	
33	VMP6933	D-SUB PLATE B	1	
34	VMD4528	COATING CLIP	1	
35	VMA0M49	SWITCH ANGLE A	1	
36	VML3560	CARD PULLER	2	
37	VYP8878	FRONT PANEL ASS'Y	1	
38	VGQ1263	POWER SWITCH	2	
39	VMA0M46	ECU, LED HOLDER ANGLE	1	
40	VYH0257	HANDLE	1	
41	VKA0117	PLASTIC FOOT	4	
42	VGM1739	TOP PANEL	1	
43	VKU0572	BOTTOM PLATE	1	
44	VMP7205	SIDE FRAME R	1	
45	VMP6540	SIDE FRAME L	1	
46	VML2903	AC CORD HOOK	1	
⚠ 47	VMZ0580	SW COVER	2	
⚠ 48	VMZ2139	FUSE HOLDER COVER	3	
49	VGU4891	VR KNOB	9	
50	VGK2025	VR CAP (RED)	2	FOR VGU4891
51	VGK2026	VR CAP (BLUE)	2	FOR VGU4891
52	VGK2024	KNOB CAP	5	FOR VGU4891
53	VGU5285	VR KNOB	1	
54	VXU0979	RED KNOB ASS'Y	1	
55	VXU0976	SHUTTER KNOB ASS'Y	2	
56	VMP6930	SWITCH HOLDER ANGLE B	1	
⚠ 57	VMZ3109	POWER SUB BARRIER A	1	
⚠ 58	VJZ3178	POWER SUB BARRIER B	1	
59	VEK0F60	POWER SUPPLY ASS'Y	1	FOR AJ-BS901P
59	VEK0F61	POWER SUPPLY ASS'Y	1	FOR AJ-BS901EN/MC
60	VMX3137	COLLAR	4	
61	VMX3222	WASHER	4	
62	XWE6	WASHER	36	
63	VMT1301	GASKET	1	
64	VSC5274	EARTH PLATE	4	
65	VEE0S56	CABLE	1	
66	VEE0S57	CABLE	1	
67	VEE0S58	CABLE	1	
68	VEE0T64	CABLE	1	
69	VJS3462	CONNECTOR (FEMALE)	4	K1SMBDBA0002
70	VGQ6499	DUSTPROOF MESH	1	
⚠ 71	VMZ3102	AC FIL INSULATION PLATE	1	
⚠ 72	VMZ3170	AC FIL BARRIER (2)	1	
⚠ 73	VMZ1252	AC INLET COVER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
74	VGF0908	INSULATION SHEET	1	
⚠ 75	VJP0083	AC INLET	1	
76	VJS3290	CONNECTOR (FEMALE)	1	K1AB105H0003
⚠ 77	EST15147V-AL	POWER SW	2	
78	VEE0M67	CABLE	1	
79	VEE0M68	CABLE	1	
80	VEE0M69	CABLE	1	
81	VEE0M70	CABLE	1	
82	VEE0M71	CABLE	1	
83	VEE0M73	CABLE	1	
84	VEE0Z19	CABLE	1	
85	VEE0N59	CABLE	1	
86	L6FAHCBH0004	FAN MOTOR	1	
87	VJF1443	CLAMPER	1	
88	XWE3D8	WASHER	4	
89	VMX1558	NYLON WASHER	1	
90	VEE0566	CABLE	1	
91	VEE0S62	CABLE	1	
92	VEE0S63	FAN CABLE	1	
93	VWJ1542	CABLE	1	
94	VWJ10E5118L0	CABLE	1	
95	VWJ24E5128L0	CABLE	1	
96	VGK2768	SWITCH GUARD	2	
97	VKW2946	ACRYLIC PANEL	1	
⚠ 98	VJF1286	FUSE HOLDER	1	
⚠ 99	VJF1287	FUSE HOLDER	1	
201	VHD5013	SCREW	2	
202	XSB3+6	SCREW	31	
203	XSB25+6FZ	SCREW	5	
204	XSN26+6FZ	SCREW	4	
205	XSN3+6	SCREW	4	
206	XYN3+F20	SCREW	4	
207	XSB3+6FZ	SCREW	3	
208	XTB3+6F	SCREW	10	
209	XTB3+6JFZ	SCREW	8	
210	XTB3+8F	SCREW	4	
211	XSS4+12FZ	SCREW	2	
212	XSB4+6FZ	SCREW	9	
213	XYE4+EF6	SCREW	1	
214	XYN3+F6	SCREW	6	
215	XSN25+6	SCREW	4	
216	XSN3+10FZ	SCREW	2	
217	XYN3+F8	SCREW	12	
218	XSB3+18FZ	SCREW	4	
219	XSB3+5	SCREW	4	
220	XYN3+B6	SCREW	1	
221	XYN3+K6	SCREW	12	
222	XXEV2W3FP	HEX SCREW	2	
223	XXEV2W4FP	SCREW	1	
224	XSB26+6FZ	SCREW	2	
225	XYN3+K6	SCREW	15	
226	XYN25+C6	SCREW	2	
227	VHD0052	SCREW	4	
228	XQN17+BJ4FZ	SCREW	4	
229	XTB3+6FFZ	SCREW	5	
E1	VEP20818A	BS MOTHER P.C.BOARD	1	
E2	VEP23518E	BS DIGITAL P.C.BOARD	1	FOR AJ-BS901P
E2	VEP23518F	BS DIGITAL P.C.BOARD	1	FOR AJ-BS901EN/MC
E3	VEP24184A	BS AUDIO P.C.BOARD	1	FOR AJ-BS901P
E3	VEP24184B	BS AUDIO P.C.BOARD	1	FOR AJ-BS901EN/MC
E4	VEP21288A	BS POWER P.C.BOARD	1	
E5	VEP21249A	BS AC FILTER P.C.BOARD	1	
E6	VEP20819C	BS FRONT P.C.BOARD	1	
E7	VEP21251A	BS POWER IF P.C.BOARD	1	
E8	VEP24163A	BS ICOM P.C.BOARD	1	
E9	VEP20840B	BS AUDIO CN P.C.BOARD	1	
E10	VEP20833A	BS COMM P.C.BOARD	1	
E11	VEP20832A	BS REAR P.C.BOARD	1	
E12	VEP26248A	BS ECU LED P.C.BOARD	1	
E13	VEP27214B	BS RF ASS'Y	1	FOR AJ-BS901P
E13	VEP27214C	BS RF ASS'Y	1	FOR AJ-BS901EN/MC

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
100	K1AA104H0020	CONNECTOR	1	
⚠ 101	K5D102ZD0001	FUSE	1	
⚠ 102	K5D252BK0002	FUSE	1	
⚠ 103	K5D153ZD0001	FUSE	1	
104	J0KG00000046	FERRITE CORE	1	
⚠ 105	K3GA1BJ00014	FUSE HOLDER	2	
106	VEE0M74	CABLE	1	
107	VGF0922	FRONT PROTECTION SHEET	1	
108	VMZ3171	BS MOTHER BARRIER	1	
109	N0AE1EJ00001	AC/DC CONV	1	
110	VEE0M76	CONNECTOR	1	
111	VEE0Z20	CONNECTOR	1	

PACKING PARTS ASSEMBLY

Components identified with the mark ⚠ have the special characteristics for safety.
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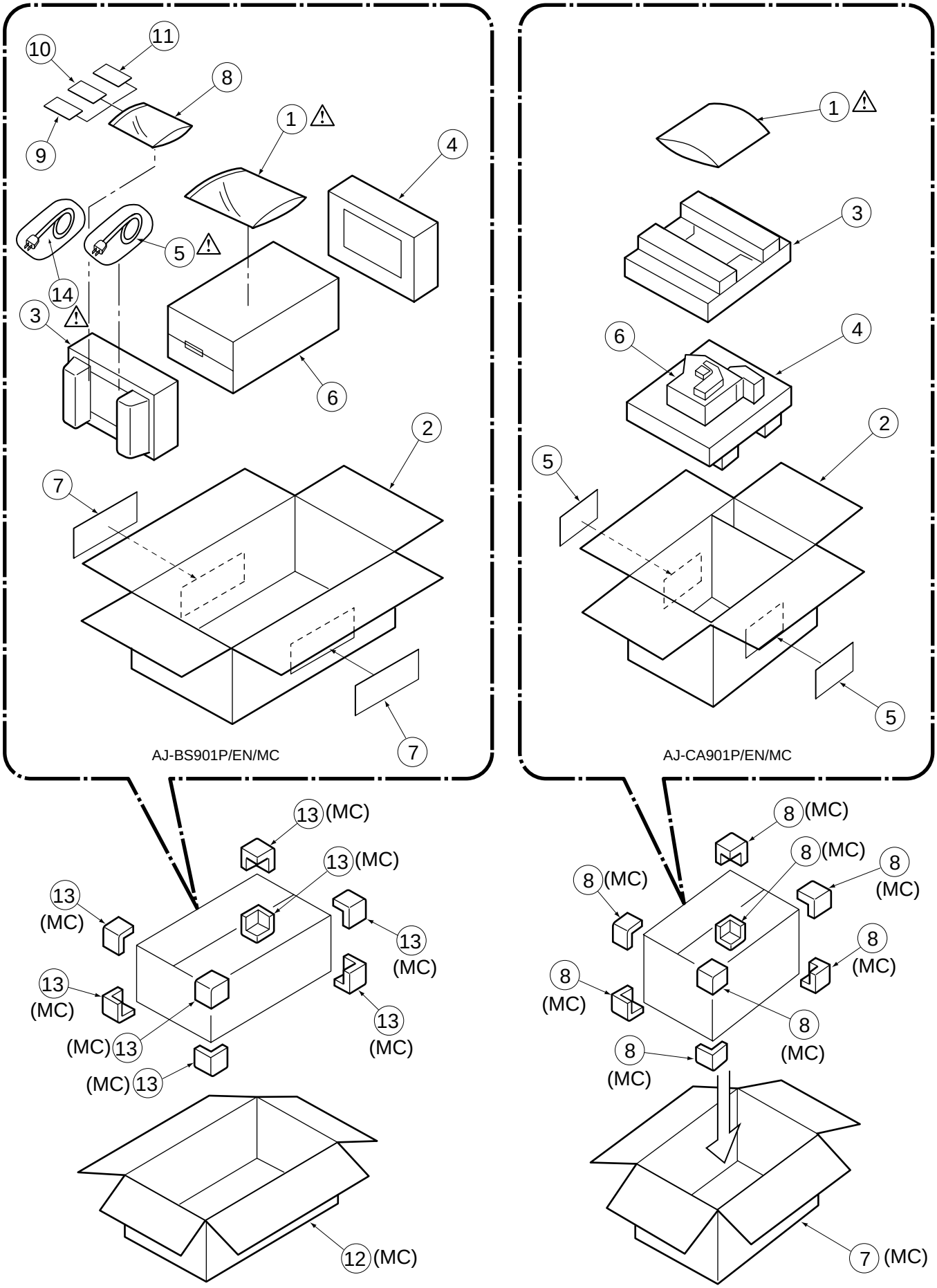

PACKING PARTS ASSEMBLY

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		AJ-BS901P/EN/MC		
⚠ 1	VQT0F82	OPERATING INSTRUCTIONS	1	FOR AJ-BS901P/EN
⚠ 1	VQT0F81	OPERATING INSTRUCTIONS	1	FOR AJ-BS901MC
2	VPG9169	PACKING CASE	1	
3	VPN5583	CUSHION F	1	
4	VPN5584	CUSHION R	1	
⚠ 5	VJA0488	POWER CODE	1	FOR AJ-BS901P K2CG3CH00001
⚠ 5	VJA0775	POWER CODE	1	FOR AJ-BS901EN
⚠ 5	VJA1166	POWER CODE	1	FOR AJ-BS901MC
6	VPF0677	POLYETHYLENE BAG	1	
7	VQL9821	PACKING LABEL	2	FOR AJ-BS901P
7	VQL0A23	PACKING LABEL	2	FOR AJ-BS901EN
7	VQL9820	PACKING LABEL	2	FOR AJ-BS901MC
8	VPF0679	POLYETHYLENE BAG	1	
9	K1BB24A00003	CONNECTOR	1	
10	K1BA08A00015	CONNECTOR	1	
11	K1BA12A0014	CONNECTOR	1	
12	VPG0W25	PACKING CASE	1	FOR AJ-BS901MC
13	VPN1791	CORNER PAD	8	FOR AJ-BS901MC
⚠ 14	VJA0746	POWER CODE (E)	1	FOR AJ-BS901EN
		AJ-CA901P/EN/MC		
⚠ 1	VQT0F80	OPERATING INSTRUCTIONS	1	FOR AJ-CA901P/EN
⚠ 1	VQT0F83	OPERATING INSTRUCTIONS	1	FOR AJ-CA901MC
2	VPG0L03	PACKING CASE	1	
3	VPN5645	CUSHION (UPPER)	1	
4	VPN6098	CUSHION (LOWER)	1	
5	VQL9822	PACKING LABEL	2	FOR AJ-CA901P
5	VQL0A24	PACKING LABEL	2	FOR AJ-CA901EN
5	VQL9821	PACKING LABEL	2	FOR AJ-CA901MC
6	VPF0676	POLYETHYLENE BAG	1	
7	VPG0W24	PACKING CASE	1	FOR AJ-CA901MC
8	VPN1791	CORNER PAD	8	FOR AJ-CA901MC

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

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ELECTRICAL REPLACEMENT PARTS LIST

AJ-CA901P

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP20816A	CAM MOTHER P.C.BOARD	1	(RTL)
■ E2	VEP23516C	CAM DIGITAL P.C.BOARD	1	(RTL)
■ E3	VEP21250A	CAM POWER P.C.BOARD	1	(RTL)
■ E4	VEP24165A	CAM ICOM P.C.BOARD	1	(RTL)
■ E5	VEP20817A	CAM RET P.C.BOARD	1	(RTL)
■ E6	VEP20A38A	CAM IF P.C.BOARD	1	(RTL)
■ E7	VEP20835A	CAM DCIN P.C.BOARD	1	(RTL)
■ E8	VEP27216A	CAM RF U P.C.BOARD	1	(RTL)
■ E9	VEP20834A	CAM RIL U P.C.BOARD	1	(RTL)
■ E1	VEP20816A	CAM MOTHER P.C.BOARD	1	(RTL)
D1	S3V60	DIODE	1	B0EAKR000020
J1	VEE0S43	CABLE	1	
L6	J0JKC0000009	FILTER	1	
L11	J0JBC0000019	FILTER	1	
L12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L13	J0JBC0000019	FILTER	1	
L14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L15	J0JBC0000019	FILTER	1	
L16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L17-21	J0JBC0000019	FILTER	5	
L22	J0JKC0000009	FILTER	1	
L23	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L24	J0JBC0000019	FILTER	1	
L25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L26	J0JBC0000019	FILTER	1	
L27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L28	J0JBC0000019	FILTER	1	
L29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L30-34	J0JBC0000019	FILTER	5	
L35	J0JKC0000009	FILTER	1	
L36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L37-40	J0JBC0000019	FILTER	4	
L41	J0JKC0000009	FILTER	1	
L42	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L43,44	J0JBC0000019	FILTER	2	
L45	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L46-49	J0JBC0000019	FILTER	4	
L50	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L51	J0JKC0000009	FILTER	1	
L52	J0JBC0000019	FILTER	1	
L53	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
P1	VJS4064N070E	CONNECTOR	1	
P2	K1KA02A00009	CONNECTOR (MALE)	1	
P3-P5	VJS4064N160E	CONNECTOR (FEMALE)	3	K1KAG0A00006
P7	VJP2824B003	CONNECTOR (MALE)	1	K1KA03B00005
P8	K1KA02A00009	CONNECTOR (MALE)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P9	VJP2741A004	CONNECTOR (MALE)	1	K1KA04A00236
P10	VJP4395D002	CONNECTOR (MALE)	1	
P11	VJP4395D003	CONNECTOR (MALE)	1	
P12	VJP4395D014	CONNECTOR (MALE)	1	
P13	VJP4395D015	CONNECTOR (MALE)	1	
P14	VJP4395B006	CONNECTOR (MALE)	1	
P15	VJP4395D004	CONNECTOR (MALE)	1	
P16	VJP4395D008	CONNECTOR (MALE)	1	
R1-R4	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
⚠ TH1	D4ZZ00000018	THERMISOTR	1	
■ E2	VEP23516C	CAM DIGITAL P.C.BOARD	1	(RTL)
C1	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C2	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C6	ECUM1E224ZFN	C.CAPACITOR CH 25V 0.22U	1	
C7-10	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C11	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C12,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C14,15	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C16,17	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C18	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C19	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C20	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C22	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C24	ECUM1E224ZFN	C.CAPACITOR CH 25V 0.22U	1	
C25-28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C29	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C30,31	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C32,33	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C34,35	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C36	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C38,39	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C41	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C42,43	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C44	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C46	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C48	ECUM1E224ZFN	C.CAPACITOR CH 25V 0.22U	1	
C49-52	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C53	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C54,55	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C56,57	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C58,59	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C60,61	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C62-67	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C68	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C69	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C70	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C71-73	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C74	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C75	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C76	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C77	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C79	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C80	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C81	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C82	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C83-87	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C88	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C89,90	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C91	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C92-95	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C96	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C97-99	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C100	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C101	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C102	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C103	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C104	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C105	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C106	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C107	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C108	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C109	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C110	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C111	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C112	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C114	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C115	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C116	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C117	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C119	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C120	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C121	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C122	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C123	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C124	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C125	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C126	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C127	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C128	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C129,30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C131	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C132	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C133	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C134	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C135	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C136	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C137	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C138,39	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C140	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C141,42	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C143	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C144	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C145	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C146	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C147	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C148	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C149	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C150	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C151	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C152	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C153	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C154	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C155	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C156	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C157	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C158,59	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C160	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C161	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C162	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C163	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C164	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C165	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C166	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C167,68	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C169	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C170,71	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C172	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C173	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C174	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C175	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C176	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C177	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C178	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C179,80	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C181,82	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C183	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C184	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C185	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C186	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C187,88	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C189	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C190,91	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C192	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C193,94	F1J2E1030004	C.CAPACITOR CH350V 0.01U	2	
C195	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C196,97	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C198	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C199	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C200	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C201	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C202-04	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C205	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C206	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C207	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C208	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C209	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C210	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C211-13	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C214	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C215	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C216	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C217	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C218,19	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C220-22	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C223	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C224	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C225	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C226	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C227,28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C257,58	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C261,62	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	2	
C263,64	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2	
C265	VCEA0JAP470	C.CAPACITOR 6.3V 47P	1	F2D0J4700001
C267	ECCF1H820JC	C.CAPACITOR 50V 82P	1	
D1,D2	MA3047	DIODE	2	
D3,D4	1SS355	DIODE	2	B0ACCK000005
D5,D6	B0JCML000002	DIODE	2	
IC1-C3	C0JBAZ000855	IC	3	
IC4	AD818AR	IC	1	C0ABAB000064
IC5	TL062CPW	IC	1	
IC6	AN8133FHQ	IC	1	
IC7	AD818AR	IC	1	C0ABAB000064
IC8	TL062CPW	IC	1	
IC9	AN8133FHQ	IC	1	
IC10	AD818AR	IC	1	C0ABAB000064
IC11	TL062CPW	IC	1	
IC12	AN8133FHQ	IC	1	
IC13	C0JBAA000115	IC	1	
IC14-18	C0JBAF000315	IC	5	
IC19	C1AB00001618	IC	1	
IC20-22	C0JBAR000168	IC	3	
IC23	TC7SH04FU	IC	1	
IC24	C0JBAA000115	IC	1	
IC25,26	TL062CPW	IC	2	
IC27	TC7SH04FU	IC	1	
IC28	NJM431U	IC	1	C0DBEZC00003
IC29	TL062CPW	IC	1	
IC30	C0CBABC00060	IC	1	
IC31	XC62EP3202M	IC	1	
IC32	EPM7064AE441	IC	1	
IC33	C1AB00001618	IC	1	
IC34	C0JBAZ000855	IC	1	
IC35	C0JBAZ000279	IC	1	
IC36	C0JBAA000115	IC	1	
IC37,38	TL062CPW	IC	2	
IC39	MN64672	IC	1	
IC40,41	TL062CPW	IC	2	
IC42	MN64672	IC	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC43	C1AB00001136	IC	1	
IC45	C1AB00000367	IC	1	
IC46	C0JBAA000115	IC	1	
IC47	C1AB00001136	IC	1	
IC48	MN64672	IC	1	
IC49,50	TL062CPW	IC	2	
IC54	TC7SH04FU	IC	1	
IC55	C0EBH0000053	IC	1	
IC56	C0JBAA000076	IC	1	
IP32	VSI3719	IC	1	
J1	VJS3307	CONNECTOR (FEMALE)	1	K1QZB1AB0001
L1-L3	J0JBC0000041	FILTER	3	
L4	J0JKC0000009	FILTER	1	
L5-18	J0JBC0000041	FILTER	14	
L19	VLQ0163J470	COIL 47UH	1	
L21	VLQ0163J330	COIL 33UH	1	G1C330J00004
L22	J0JBC0000041	FILTER	1	
L23,24	ELJRE8N2JF2	COIL	2	
L25,26	J0JBC0000041	FILTER	2	
L27	VLQ0171KR22N	COIL 0.22UH	1	G0CR22KA0025
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2	VJP4395D007	CONNECTOR (MALE)	1	
Q1-Q3	2SK316-Q	TRANSISTOR	3	2SK03160Q
Q4	2SB09560HL	TRANSISTOR	1	
Q5	2SD1280	TRANSISTOR	1	
Q6	2SB09560HL	TRANSISTOR	1	
Q7-Q9	UN2215	TRANSISTOR-RESISTOR	3	
Q10	2SA1461Y24	TRANSISTOR	1	
Q11	2SD0601ARL	TRANSISTOR	1	
Q13-15	UN2215	TRANSISTOR-RESISTOR	3	
Q16	UN5212	TRANSISTOR-RESISTOR	1	
R3,R4	EXB24V473J	COMBI.R-R 47K	2	
R7,R8	EXB24V473J	COMBI.R-R 47K	2	
R11,12	EXB24V473J	COMBI.R-R 47K	2	
R15,16	EXB24V473J	COMBI.R-R 47K	2	
R19,20	EXB24V473J	COMBI.R-R 47K	2	
R21	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R22	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R23	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R25	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R28	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R29	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R30,31	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R32	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R33	ERJ3GEYJ623	M.RESISTOR CH 1/16W 62K	1	
R34	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R35	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R38	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R39	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R40	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R41	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R42	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R43	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R45	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R46	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R47	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R48,49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R50	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R51	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R52	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R53	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R55	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R56	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R57	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R58	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R59	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R60	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R62	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R63	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R64	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R65,66	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R67	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R68	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R69	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R70	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R71	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R72	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R73-75	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R76	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R77	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R78	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R80	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R81	ERJ3GEYJ241	M.RESISTOR CH 1/16W 240	1	
R82	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R83	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R84	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R85	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R86	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R87	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R88	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R89,90	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R91	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R92	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R93	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R94	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R95	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R102-07	EXB24V473J	COMBI.R-R 47K	6	
R108-11	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R112,13	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R116	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R120,21	EXB24V473J	COMBI.R-R 47K	2	
R122,23	EXB24V101J	COMBI.R-R 100	2	
R124	EXB24V473J	COMBI.R-R 47K	1	
R126	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R127	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	1	
R128	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R129	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R130	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R131	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R132	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R133	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R134	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R136	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R137	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R138	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R139	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R140-42	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R143-45	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R146	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R147	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R148	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R149	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R150	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R151-53	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R154-56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R157	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R158	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R159	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R160	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R161	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R162-64	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R165-67	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R168	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R169	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R170	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R171	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R172	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R173-75	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R176-78	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R179	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R180-84	EXB24V101J	COMBI.R-R 100	5	
R185	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R187	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R188	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R189	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R191	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R192-96	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	5	
R197-01	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	5	
R202	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R203	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R204,05	ERJ3GEYJ432	M.RESISTOR CH 1/16W 4.3K	2	
R206,07	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	2	
R208,09	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R210	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R211-13	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	3	
R214	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R215,16	ERJ3GEYJ432	M.RESISTOR CH 1/16W 4.3K	2	
R217,18	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	2	
R219,20	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R221	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R222-24	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	3	
R225	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R249	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R250	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R251	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R252	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R254,55	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R258,59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
SW1	CAS-120B	SWITCH	1	
TP1-P3	EYF6CU	TEST POINT	3	
VR1	VRV0303B500A	V.RESISTOR 50	1	
VR2	VRV0303B502	V.RESISTOR 5K	1	
VR3	VRV0303B500A	V.RESISTOR 50	1	
VR4	VRV0303B502	V.RESISTOR 5K	1	
VR5	VRV0303B500A	V.RESISTOR 50	1	
VR6	VRV0303B502	V.RESISTOR 5K	1	
X1	VSX0670	CRYSTAL OSCILLATOR	1	H1C3605A0002
		MISCELLANEOUS		
	VSC5322	HEAT SINK	1	
	VMT1231	THERMAL CONDUCTIVE 1	1	
	XYN2+J6	SCREW	4	
	VMX3203	SPACER	2	
	VMS7112	SPACER	1	
	XYN3+K6	SCREW	1	
■ E3	VEP21250A	CAM POWER P.C.BOARD	1	(RTL)
C1	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4	ECST1CD686	T.CAPACITOR CH 16V 68U	1	
C5	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C9	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C11	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C12	ECST0JX336	T.CAPACITOR CH6.3V 33U	1	
C13	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C16	EEUFC1V151	E.CAPACITOR 35V 150P	1	
C17	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C18,19	VCEA1AAP221	E.CAPACITOR 10V 220U	2	F2D1A2210001
C20,21	EEUFC1V151	E.CAPACITOR 35V 150P	2	
C22	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C23,24	VCEA1AAP221	E.CAPACITOR 10V 220U	2	F2D1A2210001
C25-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C28,29	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C30,31	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C32,33	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C34-37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C38	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C39,40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C41	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C42	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C43	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C44,45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C46	ECST1CY335ZR	T.CAPACITOR CH 16V 3.3U	1	
C47,48	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C49	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C51	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	
C52	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C53,54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C55	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C56-58	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C60,61	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2	
C62,63	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	2	
C64	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C65	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	
C66-70	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C71	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C72	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C73,74	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2	
C75	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C76	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C77	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C78	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C79	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C80	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C81,82	ECST1CC226Z	T.CAPACITOR CH 16V 22U	2	
C108	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C110	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	
C112,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C114,15	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C116	ECSF1AE336	T.CAPACITOR CH 10V 33U	1	
D1-D6	MA152WK	DIODE	6	
D7	MA3180	DIODE	1	
D8	EA60QC04F	DIODE	1	B0JDRE000002
D9	MA3062	DIODE	1	
D10	MA3180	DIODE	1	
D11	EA60QC04F	DIODE	1	B0JDRE000002
D12	MAZ306800L	DIODE	1	
D13-16	MA3047	DIODE	4	
D17	B0JCML000002	DIODE	1	
IC1	TL062CPW	IC	1	
IC2	TL1451CNS	IC	1	C0DBAMA00001
IC3	NJM431U	IC	1	C0DBEZC00003
IC4,C5	TL062CPW	IC	2	
IC6	NJM431U	IC	1	C0DBEZC00003
IC7	C0ABEB000023	IC	1	
IC8	NJM4560MD	IC	1	C0ABBB000116
IC9	MCD5223	IC	1	B3RAC0000004
IC10	C0ABBA000075	IC	1	
IC11	MCD5223	IC	1	B3RAC0000004
IC12	TL062CPW	IC	1	
IC13,14	TC4W53FU	IC	2	
IC15	C0ABEB000023	IC	1	
IC16	TC4W53FU	IC	1	
IC17	C0ABEB000023	IC	1	
IC18	NJM4560MD	IC	1	C0ABBB000116
IC29	C0ABEB000023	IC	1	
L1	VLQ0417	COIL 10UH	1	
L2	J0JKC0000009	FILTER	1	
L3	VLQ0400	COIL	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L4,L5	VLQ0417	COIL 10UH	2	
L6	VLQ0400	COIL	1	
L7	J0JKC0000009	FILTER	1	
L8	VLQ0417	COIL 10UH	1	
L9,10	J0JKC0000009	FILTER	2	
L11-13	J0JBC0000041	FILTER	3	
L14	J0JKC0000009	FILTER	1	
L15	J0JBC0000041	FILTER	1	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
Q1	2SD0601ARL	TRANSISTOR	1	
Q2	UN2215	TRANSISTOR-RESISTOR	1	
Q3,Q4	2SD0601ARL	TRANSISTOR	2	
Q5	2SB0709A0L	TRANSISTOR	1	
Q6	2SJ245S	TRANSISTOR	1	
Q7	2SB0709A0L	TRANSISTOR	1	
Q8	2SD0601ARL	TRANSISTOR	1	
Q9	2SB0709A0L	TRANSISTOR	1	
Q10	2SJ245S	TRANSISTOR	1	
Q11	2SD0601ARL	TRANSISTOR	1	
Q12	2SB09560HL	TRANSISTOR	1	
Q13	2SD1280	TRANSISTOR	1	
Q14-16	2SB09560HL	TRANSISTOR	3	
R1	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R2	ERW2PKR10	W.RESISTOR 2W 0.1	1	
R3	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K	1	
R4	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R5,R6	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	2	
R7	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R8	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R9	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R10	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R11	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R12	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R13	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R14	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R15	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R16	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R17	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R18	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R20	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R21	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R22	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R23	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R25	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R26	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R27	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R28	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R29	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R30	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R31	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R32	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R33	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R34	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R35	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R36	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R37	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R38	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R39	ERQ16NKR10	F.RESISTOR 0.1	1	
R40	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R41	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R42	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R43	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R44	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R45	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R46,47	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R48	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R49	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R50	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R51	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R52	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R53,54	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R55	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R56	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R57	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R58	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R59	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R62,63	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R64	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R65	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R66	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R67	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R68	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R71	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R72	ERJ3GEYJ432	M.RESISTOR CH 1/16W 4.3K	1	
R73	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R74	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R75	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R76	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R77,78	ERJ3GEYJ204	M.RESISTOR CH 1/16W 200K	2	
R79-82	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R83,84	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	2	
R86	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R87,88	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	2	
R90	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R91	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R92	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R93	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R94,95	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R96,97	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R98	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R99,00	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R101	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R102	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	1	
R103	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R104	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R105	ERJ3GEYJ163	M.RESISTOR CH 1/16W 16K	1	
R106	ERJ3GEYJ362	M.RESISTOR CH 1/16W 3.6K	1	
R107	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R108,09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R110	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	1	
R111,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R146,47	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	2	
SW1	CAS-120B	SWITCH	1	
VR1	VRV0303B502	V.RESISTOR 5K	1	
VR2,R3	VRV0303B103	V.RESISTOR 10K	2	
		MISCELLANEOUS		
	VSC5316	SHIELD CASE (PWR)	1	
	VSC5317	SHIELD COVER (PWR)	1	
	XYN2+J6	SCREW	2	

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ELECTRICAL REPLACEMENT PARTS LIST

AJ-BS901P

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP20818A	BS MOTHER P.C.BOARD	1	(RTL)
■ E2	VEP23518E	BS DIGITAL P.C.BOARD	1	(RTL)
■	VEP20885A	BS DIGITAL SUB P.C.BOARD	1	(RTL)FOR VEP23518E
■	VEP23533A	SETUP SUB P.C.BOARD	1	(RTL)FOR VEP23518E
■ E3	VEP24184A	BS AUDIO P.C.BOARD	1	(RTL)
■ E4	VEP21288A	BS POWER P.C.BOARD	1	(RTL)
■ E5	VEP21249A	BS AC FILTER P.C.BOARD	1	(RTL)
■ E6	VEP20819C	BS FRONT P.C.BOARD	1	(RTL)
■ E7	VEP21251A	BS POWER P.C.BOARD	1	(RTL)
■ E8	VEP24163A	BS INCOM P.C.BOARD	1	(RTL)
■ E9	VEP20840B	BS AUDIO P.C.BOARD	1	(RTL)
■ E10	VEP20833A	BS COMM P.C.BOARD	1	(RTL)
■ E11	VEP20832A	BS REAR P.C.BOARD	1	(RTL)
■ E12	VEP26248A	BS ECU LED P.C.BOARD	1	(RTL)
■ E13	VEP27214C	BS RF U P.C.BOARD	1	(RTL)
■ E2	VEP23518E	BS DIGITAL P.C.BOARD	1	(RTL)
■	VEP20885A	BS DIGITAL SUB P.C.BOARD	1	(RTL)FOR VEP23518E
■	VEP23533A	SETUP SUB P.C.BOARD	1	(RTL)FOR VEP23518E
C1	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C1	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	FOR VEP20885A
C2	ECST1AY106Z	C.CAPACITOR CH 10V 10U	1	FOR VEP20885A
C2	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C2	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C3	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	FOR VEP20885A
C4	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C4	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C4	ECST1AY106ZR	C.CAPACITOR CH 10V 10U	1	FOR VEP20885A
C5	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C7,C8	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C9	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C10	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C11	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C12,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C14	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C15,16	ECST1VY104	T.CAPACITOR CH 35V 0.1U	2	
C17	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C19	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C21	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C22,23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C24	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C25-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C28,29	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C31	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C32	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C33	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C34-37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C38	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C39,40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C41	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C42	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C43	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C44,45	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C46,47	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C48-50	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C51	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C52	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C53	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C54	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C55,56	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C57-59	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C60	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C61	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C62	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C63	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C64,65	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C66	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C67,68	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C69	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C70	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C71	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C72,73	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C74,75	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C76-78	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C79	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C80	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C81	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C82	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C83,84	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C85-87	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C88	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C89	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C90	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C91	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C92-94	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C95	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C96	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C97	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C98	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C99	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C100,01	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C103	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C104,05	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C106,07	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C108,09	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C110	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C111	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C112	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C115,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C117	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C118	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C119,20	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C121-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C128,29	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C130-32	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C133,34	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C135-40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C141	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C142	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C143,44	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C145,46	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C147,48	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C149-51	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C152	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C153	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C154	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C155	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C156	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C157	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C158	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C159	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C162	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C163	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C164	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C165	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C166	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C167	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C168	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C170	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C171	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C172	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C173	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C174	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C175	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C177	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C178	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C179	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C180,81	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C182	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C183	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C184-89	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C191	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C192,93	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C194	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C195	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C196	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C197	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C198	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C199	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C200	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C201	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C202	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C203	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C204	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C205	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C206	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C207	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C208	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C209	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C210	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C211	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C212	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C213	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C214	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C215	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C216	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C217	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C218	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C219	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C220	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C221,22	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C223,24	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C225,26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C227	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C228	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C229	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C230	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C231	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C232	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C233	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C234	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C235	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C236	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C237	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C238	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C239,40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C241	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C242-45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C246	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C247	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C248	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C249	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C250	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C251	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C253	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C254	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C255	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C256	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C257	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C258	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C259	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C260	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C263	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C264	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C266	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C267	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C268	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C269	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C271	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C272	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C273	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C274	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C276	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C277	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C278	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C279	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C280	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C282	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C283	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C284	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C285	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C286	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C287	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C288	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C289	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C290	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C291,92	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	2	
C293-99	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C300	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C301	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C302	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C303	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C304	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C305	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C306	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C307	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C308	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C309	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C310	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C311,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C313	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C314	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C315	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C316	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C317	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C318	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C319	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C320	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C321	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C322	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C323	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C324	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C325	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C326	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C327	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C328	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C329	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C330	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C331	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C332	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C333	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C334,35	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	2	
C336,37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C339-41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C347	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C348	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C349	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C350	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C351	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C352,53	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C354	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C355	ECCF1H390JC	C.CAPACITOR 50V 39P	1	
C356	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C357-61	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C362,63	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C364-66	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C367,68	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C369	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C370	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C371	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C372	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C373	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C374	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C375	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C376,77	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C378	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C379	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C380,81	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C382	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C383	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C384	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C385	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C386,87	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C388	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C389	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C390-92	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C393	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C394	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C395	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C396	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C397	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C398	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C399	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C400	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C401	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C402	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C434	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C435	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C436-39	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C440	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C441	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C442	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C443	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C444	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C445	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C446	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C447	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C448	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C449,50	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C451,52	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2	
C453-55	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	3	
D1-D3	MA152K	DIODE	3	
D4,D5	MA3047	DIODE	2	
D6-D8	MA152K	DIODE	3	
FL1-L5	F1L1H2040004	C.CAPACITOR CH 50V 0.2U	5	
IC1	C0ABBA000075	IC	1	
IC2	EPM7032AE441	IC	1	FOR VEP20885A
IC2	GS9024-CKB	IC	1	
IC3	GS9035A-CPJ	IC	1	
IC4	C1AB00001792	IC	1	
IC5	C0EBH0000053	IC	1	
IC6	C0JBAA000076	IC	1	
IC7,C8	C0JBAF000315	IC	2	
IC9	C0JBAZ000855	IC	1	
IC10	C1AB00001136	IC	1	
IC11	MN64672	IC	1	
IC12,13	M5220FP	IC	2	C0ABBB000152
IC14	MN64672	IC	1	
IC15,16	M5220FP	IC	2	C0ABBB000152

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC17	C0JBAZ000855	IC	1	
IC19,20	TC7WH125FU	IC	2	
IC21	TC7WT125FU	IC	1	
IC22	C0JBAB000007	IC	1	
IC23	MC74HC4046AF	IC	1	C0JBAZ000153
IC24	C1AB00001618	IC	1	
IC25-28	C0JBAZ000855	IC	4	
IC29	TC74ACT244F	IC	1	
IC30	C1AB00001618	IC	1	
IC31,32	TC74ACT244F	IC	2	
IC33	GF9103-CPS	IC	1	
IC34-37	C0JBAZ000855	IC	4	
IC38,39	C1AB00001618	IC	2	
IC40	ADV7122KST50	IC	1	C0FBBF000019
IC41	AD589JR	IC	1	
IC42	TC7W53FU	IC	1	
IC43	C0JBAB000007	IC	1	
IC44	AD818AR	IC	1	C0ABAB000064
IC45	TC7W53FU	IC	1	
IC46	AD818AR	IC	1	C0ABAB000064
IC47	ADV7122KST50	IC	1	C0FBBF000019
IC48	AD589JR	IC	1	
IC49	AD818AR	IC	1	C0ABAB000064
IC50,51	C0JBAZ000611	IC	2	
IC52	TL081CPS	IC	1	
IC53	TC74ACT244F	IC	1	
IC54-56	AD818AR	IC	3	C0ABAB000064
IC57	C1AB00001618	IC	1	
IC58	AN77L09M	IC	1	
IC59	XC62EP3202M	IC	1	
IC60	C0ABBA000075	IC	1	
IC61	NJM431U	IC	1	C0DBEZC00003
IC62	ADV7122KST50	IC	1	C0FBBF000019
IC63	AD589JR	IC	1	
IC64-67	AD818AR	IC	4	C0ABAB000064
IC68	AD817AR	IC	1	C0ABAB000062
IC69	AD818AR	IC	1	C0ABAB000064
IC70	TL062CPW	IC	1	
IC71	NJM1496M	IC	1	C1CB00000435
IC72	AD818AR	IC	1	C0ABAB000064
IC73	NJM1496M	IC	1	C1CB00000435
IC75-79	TC7WH125FU	IC	5	
IC80	C0JBZZ000140	IC	1	
IC81	EPC1441PC8	IC	1	C3DAKA000013
IC82	TC74ACT244F	IC	1	
IC83,84	M5220FP	IC	2	C0ABBB000152
IC85	MN64672	IC	1	
IC89	C1AB00001136	IC	1	
IC90	TC7W74FU	IC	1	
IC91	C0JBAZ000855	IC	1	
IC92	UPD6456T611Y	IC	1	C1AB00000555
IC101	C0JBAR000113	IC	1	FOR VEP23533A
IC101	TC4W53FU	IC	1	
J1	VJS3303	CONNECTOR	1	K1QZB1AA0012
L1	J0JBC0000041	FILTER	1	FOR VEP20885A
L1	J0JKC0000009	FILTER	1	
L2	ELJRE15NJF2	COIL	1	
L2	J0JBC0000041	FILTER	1	FOR VEP20885A
L3-L5	J0JKC0000009	FILTER	3	
L6-10	J0JBC0000041	FILTER	5	
L11	J0JKC0000009	FILTER	1	
L12-14	J0JBC0000041	FILTER	3	
L15,16	J0JKC0000009	FILTER	2	
L17-19	J0JBC0000041	FILTER	3	
L20-23	VLQ0163J1R5	COIL 1.5UH	4	
L24	VLQ0163J470	COIL 47UH	1	
L26	VLQ0163J330	COIL 33UH	1	G1C330J00004
L27-32	VLQ0163J1R5	COIL 1.5UH	6	
L33	J0JBC0000041	FILTER	1	
L34	VLQ0163J470	COIL 47UH	1	
L36	VLQ0163J330	COIL 33UH	1	G1C330J00004
L37,38	VLQ0163J1R5	COIL 1.5UH	2	
L39	VLQEL05F331J	COIL 330UH	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L40,41	VLQ0467J120	COIL 12UH	2	
L42	VLQ0163J560	COIL 56UH	1	
L43	VLQ0163J121	COIL 120UH	1	G1C121J00001
L44	VLQEL05F102J	COIL 1000UH	1	
L45	VLQ0163J150	COIL 15UH	1	
L46	VLQ0163J330	COIL 33UH	1	G1C330J00004
L47	VLQ0163J180	COIL 18UH	1	G1C180J00001
L48-50	J0JBC0000041	FILTER	3	
L51	NL322522T	COIL 27UH	1	
L52-61	J0JBC0000041	FILTER	10	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2	VJP4395D007	CONNECTOR (MALE)	1	
P2	VJP4395D007	CONNECTOR (MALE)	1	FOR VEP20885A
Q1	UN2215	TRANSISTOR-RESISTOR	1	
Q2	2SK94-X4	TRANSISTOR	1	B1DBAF000001
Q3	2SC3734B24	TRANSISTOR	1	
Q4	2SA10220CL	TRANSISTOR	1	
Q5	2SC3734B24	TRANSISTOR	1	
Q6	2SA10220CL	TRANSISTOR	1	
Q7	2SA1461Y24	TRANSISTOR	1	
Q8	2SC3734B24	TRANSISTOR	1	
Q9	UN2111	TRANSISTOR-RESISTOR	1	
Q10,11	2SK508-B	TRANSISTOR	2	
Q12-14	2SC3734B24	TRANSISTOR	3	
Q15,16	2SB09560HL	TRANSISTOR	2	
Q17	2SD1280	TRANSISTOR	1	
Q18	2SA1461Y24	TRANSISTOR	1	
Q19,20	2SC3734B24	TRANSISTOR	2	
Q21	2SC2295-C	TRANSISTOR	1	
Q22	2SA10220CL	TRANSISTOR	1	
Q23	2SK94-X4	TRANSISTOR	1	B1DBAF000001
Q24	2SC2295-C	TRANSISTOR	1	
Q25,26	2SC3734B24	TRANSISTOR	2	
Q27	2SC2295-C	TRANSISTOR	1	
Q28,29	2SC3734B24	TRANSISTOR	2	
Q30	2SC2295-C	TRANSISTOR	1	
Q31	2SA10220CL	TRANSISTOR	1	
Q32	2SK94-X4	TRANSISTOR	1	B1DBAF000001
Q33	2SC2295-C	TRANSISTOR	1	
Q34	UN2215	TRANSISTOR-RESISTOR	1	
Q35	2SD0601ARL	TRANSISTOR	1	
Q36	UN2215	TRANSISTOR-RESISTOR	1	
R1	ERJ3GEY103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002 FOR VEP20885A
R1	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R2	ERJ3GEY102	M.RESISTOR CH 1/16W 1K	1	D0GB102JA002 FOR VEP20885A
R2	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R2	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R3	ERJ3GEY102	M.RESISTOR CH 1/16W 1K	1	D0GB102JA002 FOR VEP20885A
R3	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R4	ERJ3GEY102	M.RESISTOR CH 1/16W 1K	1	D0GB102JA002 FOR VEP20885A
R4	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R5	ERJ3GEY102	M.RESISTOR CH 1/16W 1K	1	D0GB102JA002 FOR VEP20885A
R5	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R5	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R6	ERJ3GEY102	M.RESISTOR CH 1/16W 1K	1	D0GB102JA002 FOR VEP20885A
R6	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R7	ERJ3GEY102	M.RESISTOR CH 1/16W 1K	1	D0GB102JA002 FOR VEP20885A
R7	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R8	ERJ3GEY102	M.RESISTOR CH 1/16W 1K	1	D0GB102JA002 FOR VEP20885A
R8	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R8	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R9	ERJ3GEY102	M.RESISTOR CH 1/16W 1K	1	D0GB102JA002 FOR VEP20885A
R9	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R9-11	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	3	
R12	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R13,14	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R15	ERJ3GEYJ361	M.RESISTOR CH 1/16W 360	1	
R16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R17	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R18	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R19	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R20	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R21,22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R23,24	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R25-32	ERJ3GEYJ432	M.RESISTOR CH 1/16W 4.3K	8	
R33-40	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	8	
R41-48	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	8	
R49-52	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	4	
R53-56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R57	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R58	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R59	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R60	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R61	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R62	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R63	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R64	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R65	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R66	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R67	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R68	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R69	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R70	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R71	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R72	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R73	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R74-93	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	20	
R94,95	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R96,97	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R99	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R101	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	FOR VEP23533A
R101	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R101	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R102	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	FOR VEP23533A
R102	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R102	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R103	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	FOR VEP23533A
R103	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R103	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R104	ERJ3RBD361	M.RESISTOR CH 1/16W 360	1	FOR VEP23533A
R104	ERJ3RBD361	M.RESISTOR CH 1/16W 360	1	
R104	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R105	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R105	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	FOR VEP23533A
R105	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R106	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R107,08	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R109,10	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R111	ERJ3GEYJ911	M.RESISTOR CH 1/16W 910	1	
R113	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R114	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R116	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R118	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R119	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R120	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R121	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	1	
R122	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R123	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R125	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R126	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R127,28	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R129,30	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R131	ERJ3GEYJ911	M.RESISTOR CH 1/16W 910	1	
R132	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R134	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R135	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R136	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R137	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R138	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R139	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R141	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R142	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R143	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	1	

Components identified with the mark ⚠ have special characteristics for safety.
When replacing any of these component, use only the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R144	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R145	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R146	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R147	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R148	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R149	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R150-52	ERJ3RED750	M.RESISTOR CH 1/16W 75	3	
R153	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R154	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R155	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R156	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R157	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R158	ERJ3GEYJ243	M.RESISTOR CH 1/16W 24K	1	
R159	ERJ3GEYJ752	M.RESISTOR CH 1/16W 7.5K	1	
R160	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R161	ERJ3GEYJ113	M.RESISTOR CH 1/16W 11K	1	
R162	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R163	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R164	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R165	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R166,67	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	2	
R168	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R169,70	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R171,72	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R173	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R175	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R176	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R177	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R178	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R179	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R180	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R181,82	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R183,84	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R185	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R187	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R188	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R189	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R190	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R191	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R192	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R193	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R194,95	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R196,97	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R198	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R200	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R201	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R202	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R203	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R204	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R205	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R206,07	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R208	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R209	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R210,11	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R212	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R213	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R214	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R215	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R216	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R217	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R218	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R219	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R220-22	ERJ3RED750	M.RESISTOR CH 1/16W 75	3	
R224	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	1	
R225	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R226	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R227	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R228	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R229	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R230	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R231	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R232	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R233	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R234	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R235	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R236	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R237	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R238	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R239	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R241	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R243	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R244	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R246	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R247,48	ERJ3RBD821	M.RESISTOR CH 1/16W 820	2	
R249	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R251	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R252,53	ERJ3RBD821	M.RESISTOR CH 1/16W 820	2	
R254	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R256	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R257,58	ERJ3RBD821	M.RESISTOR CH 1/16W 820	2	
R259	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R260	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R261	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R263	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R264	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R266-68	ERJ6RED750	M.RESISTOR CH 1/10W 75	3	
R269	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R270	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R271	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R272	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R273	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R274	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R275	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R276	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R277	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R278	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R279	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R280	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R281	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R282	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R283	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R284	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R285	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R286	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R288	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R289	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R290	ERJ3GEYJ361	M.RESISTOR CH 1/16W 360	1	
R291	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R292	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R293	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R294	ERSA39J102	M.RESISTOR 1/8W 1K	1	
R295	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R296	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R297,98	ERJ3RBD621	M.RESISTOR CH 1/16W 620	2	
R299	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R300	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R301	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R302	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R303	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R304	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R305	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R306	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R307	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R308	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R310	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R311	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R312	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R313	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R314	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R315	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R316	ERJ3GEYJ132	M.RESISTOR CH 1/16W 1.3K	1	
R317	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R318	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R319	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R321	ERJ3RBD162	M.RESISTOR CH 1/16W 1.6K	1	
R322	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R323	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R324	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R325	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R326	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R327	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R328	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R330	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R331	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R332	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R333	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R334	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R335	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R347	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R348	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R349	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R350	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R351	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R352	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R353	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R354	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R355	ERJ3GEYJ913	M.RESISTOR CH 1/16W 91K	1	
R356-60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R361	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R362-66	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R367	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R368	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R369-72	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	4	
R373-75	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R376	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R377	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R378	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R379-82	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	4	
R383-85	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R386	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R407	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R408	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1	
R409	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R410	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R412,13	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R414	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R415,16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R417	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R419-56	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	38	
R457-59	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	3	
SW1	CAS-120B	SWITCH	1	
SW2	VSS0367-08B	SWITCH	1	
SW3	CAS-120B	SWITCH	1	
TP1-P3	EYF6CU	TEST POINT	3	
VC1	ECV1ZW30X53	TRIMMER	1	
VR1,R2	VRV0303B501	V.RESISTOR 500	2	
VR3,R4	VRV0303B103	V.RESISTOR 10K	2	
VR5-R7	VRV0303B501	V.RESISTOR 500	3	
VR8	VRV0303B502	V.RESISTOR 5K	1	
VR9-15	VRV0303B501	V.RESISTOR 500	7	
VR16	VRV0303B202A	V.RESISTOR 2K	1	D3EC3202A002
VR17	VRV0303B102	V.RESISTOR 1K	1	
VR19	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
VR20	VRV0303B103	V.RESISTOR 10K	1	
VR22	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
X1	VSX0670	CRYSTAL OSCILLATOR	1	H1C3605A0002
		MISCELLANEOUS		
	VML3560	CARD PULLER	1	
	XSB2+6FX	SCREW	2	
■ E3	VEP24184A	BS AUDIO P.C.BOARD	1	(RTL)
C1,C2	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C20,21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C23-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C28	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C29-35	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C36-38	EEVHB1E101P	E.CAPACITOR 25V 100U	3	
C39,40	ECST1VV106R	T.CAPACITOR CH 35V 10U	2	
C41	EEVHB1E101P	E.CAPACITOR 25V 100U	1	
C42,43	ECST1VV106R	T.CAPACITOR CH 35V 10U	2	
C44	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C45,46	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C47	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C48	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C49,50	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C51	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C52,53	ECST1VV106R	T.CAPACITOR CH 35V 10U	2	
C54	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C64	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C67	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C68,69	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	2	
C70,71	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	2	
C100-24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	25	
C125,26	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C127-29	ECST1VY224Z	T.CAPACITOR CH 35V 0.22U	3	
C130,31	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
C132-34	ECST1CX106Z	T.CAPACITOR CH 16V 10U	3	
C135	ECST1VV106R	T.CAPACITOR CH 35V 10U	1	
C136	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C137,38	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C139	ECST1VV106R	T.CAPACITOR CH 35V 10U	1	
C140	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C141	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C142-44	ECST1VV106R	T.CAPACITOR CH 35V 10U	3	
C200-06	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C207	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C208,09	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	2	
C210-12	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
C213	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C214,15	ECJ1VC1H181J	C.CAPACITOR CH 50V 180P	2	
C216,17	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	2	
C218-21	ECST1VV106R	T.CAPACITOR CH 35V 10U	4	
C222,23	ECST1EC106	T.CAPACITOR CH 25V 10U	2	
C300	EEVHP1A100	E.CAPACITOR 10V 10U	1	
C301	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C302	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C304,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C309	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C310	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C312-17	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C321	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C323	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C324	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C326	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C328-30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C332	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C333	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C334,35	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C337	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C338	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C339	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C340,41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C342	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C343	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C344-47	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C348	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C400,01	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C402	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C403,04	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C405	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C406	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C408	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C409	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C410,11	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C412	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C413	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C414	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C415	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C416	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C417	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C418	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C419-21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C422	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C423,24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C425	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C426-28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C429	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C430	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C432	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C433	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C435	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C437-41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C442	EEVHP1E3R3	E.CAPACITOR 25V 3.3U	1	
C444	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C445-49	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C450	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C451	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C452	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C454	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C455	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C456	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C457	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C458	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C459	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C460,61	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C462	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C500-10	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	11	
C511-15	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	5	
C516,17	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	2	
C518,19	ECST1EY155	T.CAPACITOR CH 25V 1.5U	2	
C520	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C521-24	ECST1CC336R	T.CAPACITOR CH 16V 33U	4	
C525	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C600-04	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	5	
C605	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C606-15	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	10	
C616	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C617	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C618,19	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	2	
C620,21	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C622	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C623	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C624,25	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C626	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C628	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C629	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C630	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C631-33	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	3	
C634	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C635	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C636	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C637	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C638	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C639-41	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	3	
C642,43	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	2	
C644	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C645	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C646,47	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C648,49	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	2	
D1	MA142WA	DIODE	1	
D100-04	MA3047M	DIODE	5	
D200-03	EC11FS2	DIODE	4	B0HCMM000005
D300	MA8024	DIODE	1	
D302	MA8024	DIODE	1	
D304	MA3J14300L	DIODE	1	
D305	MA142K	DIODE	1	
D400	MA8024	DIODE	1	
D401	MA3J14300L	DIODE	1	
D402	MA8024	DIODE	1	
D403	MA3J14300L	DIODE	1	
D500-10	MA152K	DIODE	11	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D600,01	MA8024	DIODE	2	
IC1	NJM4558M	IC	1	C0ABBB000044
IC2-C4	NJM4560MD	IC	3	C0ABBB000116
IC5,C6	NJM4558M	IC	2	C0ABBB000044
IC7	MC14053BF	IC	1	C0JBAR000023
IC8	NJM4558M	IC	1	C0ABBB000044
IC9	MC14053BF	IC	1	C0JBAR000023
IC10-12	TL062CPW	IC	3	
IC100	ZUS1R51212	IC	1	
IC101	C0EBH0000241	IC	1	
IC102	C0EBE0000211	IC	1	
IC103	C0EBB0000062	IC	1	
IC104	C0JBCA000066	IC	1	
IC105	C0JBAA000261	IC	1	
IC106	C0ABBA000075	IC	1	
IC107	C0CABGG00004	IC	1	
IC108	TL062CPW	IC	1	
IC109	C0ABBA000075	IC	1	
IC110	C0CAAGG00010	IC	1	
IC111	NJM431U	IC	1	C0DBEZC00003
IC201	NJM4558M	IC	1	C0ABBB000044
IC202	NJM4560MD	IC	1	C0ABBB000116
IC203	NJM4558M	IC	1	C0ABBB000044
IC204	NJM4560MD	IC	1	C0ABBB000116
IC205,06	NJM4558M	IC	2	C0ABBB000044
IC207,08	C0JBAZ001529	IC	2	
IC209	C0JBAB000007	IC	1	
IC300	C0JBAA000174	IC	1	
IC301	C0JBAZ001605	IC	1	
IC303	C1AB00000234	IC	1	
IC304	NJM082BV	IC	1	
IC306	TC7W53FU	IC	1	
IC308	TLC272CPW	IC	1	C0ABHA000022
IC309	C0JBAM000045	IC	1	
IC310	XC62FP3002P	IC	1	
IC311	C0JBAB000422	IC	1	
IC312,13	C0JBCA000066	IC	2	
IC314	C0JBAA000261	IC	1	
IC400-02	C0JBCA000066	IC	3	
IC403	C0JBAZ001529	IC	1	
IC404	XC62FP3302M	IC	1	
IC405	TC7W53FU	IC	1	
IC406	C0JBAZ001605	IC	1	
IC407	C0JBAZ001529	IC	1	
IC408	TC7W53FU	IC	1	
IC409	C0JBAZ001605	IC	1	
IC410	NJM082BV	IC	1	
IC411	C0JBAC000310	IC	1	
IC412	TC7W53FU	IC	1	
IC413,14	NJM082BV	IC	2	
IC416	NJM082BV	IC	1	
IC417	TC7W53FU	IC	1	
IC418	C0JBAB000350	IC	1	
IC420	XC62FP3302M	IC	1	
IC421	C0JBAB000350	IC	1	
IC500	LTC1446CS8	IC	1	
IC501	TC74HC4053AF	IC	1	C0JBAR000130
IC502,03	SN75C1168NS	IC	2	
IC504	TC74HC4053AF	IC	1	C0JBAR000130
IC505	HD64F3048F16	IC	1	C2CBHF000009
IC506	C0JBAA000076	IC	1	
IC507	C3ZBD0000004	IC	1	
IC508	C0JBAZ000855	IC	1	
IC509	AN90B20S	IC	1	
IC600	C1ZBZ0001555	IC	1	
IC601	C0JBAZ000854	IC	1	
IC602	C0JBAA000261	IC	1	
IC603	C1ZBZ0001836	IC	1	
IC604	C0JBCA000066	IC	1	
IC605	C0JBAZ001605	IC	1	
IC606	NJM082BV	IC	1	
IC607	C0JBAB000350	IC	1	
IC608	C0JBAZ001120	IC	1	
IC609	C0JBAB000350	IC	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC610	C0JBAR000353	IC	1	
IC611	C0JBCA000066	IC	1	
ID505	VVVSI4185A	SOFTWARE	1	DOWNLOAD ONLY
ID600	VVVSI4186	SOFTWARE	1	DOWNLOAD ONLY
L1,L2	VLQ0319K470	COIL 47UH	2	G1C470K00013
L100,01	J0JBC0000019	FILTER	2	
L102,03	G1C101K00022	COIL 100UH	2	
L104	VLQ0319K100	COIL 10UH	1	G1C100K00023
L105-07	G1C101K00022	COIL 100UH	3	
L200,01	J0JBC0000041	FILTER	2	
L202,03	VLQ0319K470	COIL 47UH	2	G1C470K00013
L300	G1C101K00022	COIL 100UH	1	
L301,02	J0JBC0000019	FILTER	2	
L304,05	J0JBC0000019	FILTER	2	
L306	G1C101K00022	COIL 100UH	1	
L307-10	J0JBC0000019	FILTER	4	
L400-02	J0JBC0000019	FILTER	3	
L403	VLQ0163J470	COIL 47UH	1	
L404-07	J0JBC0000019	FILTER	4	
L408	G1C221J00003	COIL 220UH	1	
L409,10	J0JBC0000019	FILTER	2	
L411	G1C221J00003	COIL 220UH	1	
L412	J0JBC0000019	FILTER	1	
L414-16	J0JBC0000019	FILTER	3	
L417	G1C101K00022	COIL 100UH	1	
L418,19	J0JBC0000019	FILTER	2	
L421	G1C101K00022	COIL 100UH	1	
L422	J0JBC0000019	FILTER	1	
L500	J0JBC0000019	FILTER	1	
L501	J0JBC0000041	FILTER	1	
L502	J0JBC0000019	FILTER	1	
L503	J0JBC0000041	FILTER	1	
L504	J0JBC0000019	FILTER	1	
L505	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
L506	J0JBC0000041	FILTER	1	
L507	J0JBC0000019	FILTER	1	
L600,01	J0JBC0000019	FILTER	2	
L602	G1C101K00022	COIL 100UH	1	
L603	J0JBC0000041	FILTER	1	
L604-06	J0JBC0000019	FILTER	3	
L607	J0JBC0000041	FILTER	1	
L608-10	J0JBC0000019	FILTER	3	
L611	VLQ0163J470	COIL 47UH	1	
L612,13	J0JBC0000019	FILTER	2	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2	K1MN20A00036	CONNECTOR	1	
P3	K1KA08B00147	CONNECTOR (FEMALE)	1	
PC200,01	B3PBA0000038	PHOTO ISOLATION	2	
Q100-03	2SB956-R	TRANSISTOR	4	
Q104	2SD1280	TRANSISTOR	1	
Q200,01	2SD1280	TRANSISTOR	2	
Q300	2SD1819A-R	TRANSISTOR	1	
Q301	2SA1532-B	TRANSISTOR	1	
Q400	2SB1218A-R	TRANSISTOR	1	
Q401,02	2SD1819A-R	TRANSISTOR	2	
Q600	2SD1819A-R	TRANSISTOR	1	
QR201	UN2215	TRANSISTOR-RESISTOR	1	
QR600	UN2212	TRANSISTOR-RESISTOR	1	UNR2212
R1	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R2,R3	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R5	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6,R7	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	2	
R8	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R10	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R20,21	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R24	ERJ3RED330	M.RESISTOR CH 1/16W 33	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R25	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R26,27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R29	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R30,31	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R33	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R37	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R38	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R39,40	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R45	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R46	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R49	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R50	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R51	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R56	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R57	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R58	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R63	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	1	
R64	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R66	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R67,68	ERJ3GEYJ113	M.RESISTOR CH 1/16W 11K	2	
R70	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R71	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R76	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R82	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R83	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R88	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R90,91	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R95-98	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	4	
R99	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R104,05	ERJ3GEYJ243	M.RESISTOR CH 1/16W 24K	2	
R106	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R107	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R108	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R109-11	ERJ3GEYJ243	M.RESISTOR CH 1/16W 24K	3	
R112-16	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	5	
R117	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	
R118	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R119	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R120,21	ERJ3GEYJ243	M.RESISTOR CH 1/16W 24K	2	
R122	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R124	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R125	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R126	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R127	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R128	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R131	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R132	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R133	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R134	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R135	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R136	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R137	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R138	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R139,40	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R141,42	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R143,44	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R145	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R146	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R147	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R148	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R149	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R150	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R151	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R152	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R153,54	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R155	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R156	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R157,58	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R159	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R160,61	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R162,63	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R164	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R165	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R166	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R200,01	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	2	
R203	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R204	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R205,06	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R207	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R208-11	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	4	
R212-15	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R216,17	ERJ3GEYJ113	M.RESISTOR CH 1/16W 11K	2	
R218	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R219	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1	
R220,21	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R222	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1	
R223,24	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R225	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R226	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R227	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R228,29	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R230,31	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R232,33	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	2	
R234,35	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	2	
R236,37	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R238,39	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R240	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R241	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R242	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R243	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R244	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R245,46	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R247-50	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R251-56	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	6	
R257	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R258,59	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R300	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R301	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R303	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R304	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R305	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R307	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R308	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R309	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R311	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R313	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R315	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R319,20	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R321	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R326	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R328	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R329	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R331	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R332	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R333	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R334,35	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R338	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R339	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R340	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R341	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R342	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R343	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R345	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R346	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R348	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R349	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R350	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R351	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R353	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R354-56	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R400	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R401	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R402	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R403	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R404	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R405	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R406	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R407	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R408	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R409,10	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R412	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R413	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R414	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R416	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R417	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R418	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R419	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R420,21	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R422	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R425	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R426	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R427	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R431	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R432,33	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	2	
R434	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R435	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R436	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R437	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R440	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R441	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R442,43	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R444	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R445	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R447	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R448,49	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R450	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R451	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R452,53	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R454	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R460	D4B332500001	THERMISTOR	1	
R461	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R500-02	ER025CHF1500	M.RESISTOR 1/4W 150	3	
R503-05	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R506-10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R511-13	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R514	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R515-18	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	4	
R519	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R520	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R521	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R522,23	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	2	
R524	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R525,26	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R527	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R528	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R529-31	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R532	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R535	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R538,39	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R540	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R541	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R542	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R543-51	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	9	
R553	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R555	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R600-02	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R603-08	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	6	
R609	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R610-17	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	8	
R618	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R619-21	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R622	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R623	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R624	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R625,26	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	2	
R627,28	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R629	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R630	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R631	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R632	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R633	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R634	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R635	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R636	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R637	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R638	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R639-44	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	6	
R645	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R646-50	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R652	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW1,W2	K0D123A00073	SWITCH	2	
SW3	K0D112A00075	SWITCH	1	
SW200	K0D122A00124	SWITCH	1	
SW201-04	CMS-2202A	SWITCH	4	
SW500	K0D112A00075	SWITCH	1	
SW501	VSS0367-04B	SWITCH	1	
TP300	EYF6CU	TEST POINT	1	
TP400	EYF6CU	TEST POINT	1	
TP605,06	EYF6CU	TEST POINT	2	
VR1,R2	VRV0303B103	V.RESISTOR 10K	2	
VR5	VRV0303B502	V.RESISTOR 5K	1	
VR6	VRV0303B103	V.RESISTOR 10K	1	
VR9	VRV0303B104A	V.RESISTOR 100K	1	
VR200,01	VRV0303B104A	V.RESISTOR 100K	2	
VR300	VRV0303B103	V.RESISTOR 10K	1	
VR400	VRV0303B103	V.RESISTOR 10K	1	
VR600	VRV0303B102	V.RESISTOR 1K	1	
X300	H1D2705B0001	CRYSTAL OSCILLATOR	1	
X400,01	H1C2865B0004	CRYSTAL OSCILLATOR	2	
X500	H2C160500001	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VML3560	CARD PULLER	1	
	XSB2+6FX	SCREW	2	
	XNG2E	NUT	2	
	XSN3+8FXS	SCREW	2	
	XWE3D8	WASHER	2	
	XWA3B	WASHER	2	
	XNG3BS	NUT	2	
■ E8	VEP24163A	BS INCOM P.C.BOARD	1	(RTL)
C1001	EEVHP1E4R7	E.CAPACITOR 25V 4.7U	1	
C1002	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C1003	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C1004	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C1005	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C1006	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C1007	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C1008	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C1009	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	
C1010	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C1012	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C1013	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C1014,15	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	2	
C1016	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
D1001	LN38GPL	DIODE	1	
D1002-04	LN28RPL	DIODE	3	
D1005,06	LN38GPL	DIODE	2	
IC1001	AN77L08M	IC	1	
IC1002	UPC4570G2	IC	1	C0ABBB000016
IC1003	AN77L08M	IC	1	
IC1004	C0ABBB000124	IC	1	
L1008,09	J0JKC0000009	FILTER	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P1001	VJP2741A020	CONNECTOR (MALE)	1	K1KA20A00056
P1002	VJP2741A006	CONNECTOR (MALE)	1	K1KA06A00212
R1001	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1002	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R1003	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1004,05	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R1006	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1007	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1008	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1009	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1010,11	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	2	
R1012,13	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R1014-16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1017-28	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	12	
R1029,30	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R1031-33	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R1034	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
SW1001	K0E112G00027	SWITCH	1	
SW1002	CMS-2202A	SWITCH	1	
SW1003	VST0153	SWITCH	1	K0E112A00098
SW1004	K0F111A00239	SWITCH	1	
SW1005	VSP0853A003	SWITCH	1	K0F111A00238
SW1006	VST0152	SWITCH	1	K0E112A00094
VR1001	VRV0303B104A	V.RESISTOR 100K	1	
VR1002,03	VRV0118B102	V.RESISTOR 1K	2	
XD1001-06	VMX2148	LED SPACER	6	
		MISCELLANEOUS		
	VMA0M49	SWITCH ANGLE A	1	
	XWE6	WASHER	8	

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ELECTRICAL REPLACEMENT PARTS LIST

AJ-CA901EN/MC

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP20816B	CAM MOTHER P.C.BOARD	1	(RTL)
■ E2	VEP23516D	CAM DIGITAL P.C.BOARD	1	(RTL)
■ E3	VEP21250B	CAM POWER P.C.BOARD	1	(RTL)
■ E4	VEP24165A	CAM ICOM P.C.BOARD	1	(RTL)
■ E5	VEP20817A	CAM RET P.C.BOARD	1	(RTL)
■ E6	VEP20A38A	CAM IF P.C.BOARD	1	(RTL)
■ E7	VEP20835A	CAM DCIN P.C.BOARD	1	(RTL)
■ E8	VEP27216A	CAM RF U P.C.BOARD	1	(RTL)
■ E9	VEP20834A	CAM RIL U P.C.BOARD	1	(RTL)
■ E1	VEP20816B	CAM MOTHER P.C.BOARD	1	(RTL)
D1	S3V60	DIODE	1	B0EAKR000020
J1	VEE0S43	CABLE	1	
L6	J0JKC0000009	FILTER	1	
L11	J0JBC0000019	FILTER	1	
L12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L13	J0JBC0000019	FILTER	1	
L14	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L15	J0JBC0000019	FILTER	1	
L16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L17-21	J0JBC0000019	FILTER	5	
L22	J0JKC0000009	FILTER	1	
L23	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L24	J0JBC0000019	FILTER	1	
L25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L26	J0JBC0000019	FILTER	1	
L27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L28	J0JBC0000019	FILTER	1	
L29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L30-34	J0JBC0000019	FILTER	5	
L35	J0JKC0000009	FILTER	1	
L36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L37-40	J0JBC0000019	FILTER	4	
L41	J0JKC0000009	FILTER	1	
L42	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L43,44	J0JBC0000019	FILTER	2	
L45	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L46-49	J0JBC0000019	FILTER	4	
L50	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
L51	J0JKC0000009	FILTER	1	
L52	J0JBC0000019	FILTER	1	
L53	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
P1	VJS4064N070E	CONNECTOR	1	
P2	K1KA02A00009	CONNECTOR (MALE)	1	
P3-P5	VJS4064N160E	CONNECTOR (FEMALE)	3	K1KAG0A00006
P7	VJP2824B003	CONNECTOR (MALE)	1	K1KA03B00005
P8	K1KA02A00009	CONNECTOR (MALE)	1	
P9	VJP2741A004	CONNECTOR (MALE)	1	K1KA04A00236
P10	VJP4395D002	CONNECTOR (MALE)	1	
P11	VJP4395D003	CONNECTOR (MALE)	1	
P12	VJP4395D014	CONNECTOR (MALE)	1	
P13	VJP4395D015	CONNECTOR (MALE)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P14	VJP4395B006	CONNECTOR (MALE)	1	
P15	VJP4395D004	CONNECTOR (MALE)	1	
P16	VJP4395D008	CONNECTOR (MALE)	1	
R1-R4	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
⚠ TH1	D4ZZ00000018	THERMISOTR	1	
■ E2	VEP23516D	CAM DIGITAL P.C.BOARD	1	(RTL)
C1	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C2	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C6	ECUM1E224ZFN	C.CAPACITOR CH 25V 0.22U	1	
C7-10	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C11	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C12,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C14,15	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C16,17	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C18	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C19	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C20	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C22	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C24	ECUM1E224ZFN	C.CAPACITOR CH 25V 0.22U	1	
C25-28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C29	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C30,31	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C32,33	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	2	
C34	F2D1D3300001	T.CAPACITOR CH 20V 33U	1	
C35	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C36	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C38,39	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C41	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C42,43	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C44	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C46	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C48	ECUM1E224ZFN	C.CAPACITOR CH 25V 0.22U	1	
C49-52	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C53	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C54,55	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C56,57	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C58,59	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C60,61	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C62-67	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C68	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C69	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C70	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C71-73	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C75	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C76	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C77	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C78	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C79	ECST0JC686	T.CAPACITOR CH6.3V 68U	1	
C80	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C81	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C82	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C83-87	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C88	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C89,90	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C91	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C92-95	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C96	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C97-99	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C100	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C101	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C102	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C103	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C104	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C105	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C106	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C107	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C108	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C109	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C110	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C111	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C112	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C114	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C115	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C116	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C117	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C119	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C120	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C121	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C122	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C123	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C124	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C125	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C126	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C127	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C128	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C129,30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C131	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C132	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C133	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C134	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C135	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C136	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C137	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C138,39	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C140	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C141,42	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C143	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C144	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C145	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C146	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C147	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C148	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C149	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C150	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C151	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C152	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C153	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C154	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C155	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C156	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C157	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C158,59	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C160	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C161	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C162	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C163	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C164	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C165	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C166	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C167,68	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C169	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C170,71	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C172	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C173	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C174	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C175	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C176	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C177	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C178	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C179,80	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C181,82	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C183	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C184	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C185	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C186	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C187,88	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C189	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C190,91	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C192	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C193,94	F1J2E1030004	C.CAPACITOR CH350V 0.01U	2	
C195	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C196,97	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C198	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C199	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C200	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C201	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C202-04	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C205	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C206	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C207	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C208	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C209	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C210	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C211-13	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C214	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C215	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C216	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C217	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C218,19	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C220-22	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C223	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C224	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C225	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C226	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C227,28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C257,58	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C261,62	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	2	
C263,64	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2	
C265	VCEA0JAP470	C.CAPACITOR 6.3V 47P	1	F2D0J4700001
C266	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
D1,D2	MA3047	DIODE	2	
D3,D4	1SS355	DIODE	2	B0ACCK000005
D5,D6	B0JCML000002	DIODE	2	
IC1-C3	C0JBAZ000855	IC	3	
IC4	AD818AR	IC	1	C0ABAB000064
IC5	TL062CPW	IC	1	
IC6	AN8133FHQ	IC	1	
IC7	AD818AR	IC	1	C0ABAB000064
IC8	TL062CPW	IC	1	
IC9	AN8133FHQ	IC	1	
IC10	AD818AR	IC	1	C0ABAB000064
IC11	TL062CPW	IC	1	
IC12	AN8133FHQ	IC	1	
IC13	C0JBAA000115	IC	1	
IC14-18	C0JBAF000315	IC	5	
IC19	C1AB00001618	IC	1	
IC20-22	C0JBAR000168	IC	3	
IC23	TC7SH04F	IC	1	
IC24	C0JBAA000115	IC	1	
IC25,26	TL062CPW	IC	2	
IC27	TC7SH04F	IC	1	
IC28	NJM431U	IC	1	C0DBEZC00003
IC29	TL062CPW	IC	1	
IC30	C0CBABC00060	IC	1	
IC31	XC62EP3202M	IC	1	
IC32	EPM7064AE441	IC	1	
IC33	C1AB00001618	IC	1	
IC34	C0JBAZ000855	IC	1	
IC35	C0JBAZ000279	IC	1	
IC36	C0JBAA000115	IC	1	
IC37,38	TL062CPW	IC	2	
IC39	MN64672	IC	1	
IC40,41	TL062CPW	IC	2	
IC42	MN64672	IC	1	
IC43	C1AB00001136	IC	1	
IC45	C1AB00000367	IC	1	
IC46	C0JBAA000115	IC	1	
IC47	C1AB00001136	IC	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC48	MN64672	IC	1	
IC49,50	TL062CPW	IC	2	
IC54	TC7SH04F	IC	1	
IC55	C0EBH0000053	IC	1	
IC56	C0JBAA000076	IC	1	
IP32	VSI3719	IC	1	
J1	VJS3307	CONNECTOR (FEMALE)	1	K1QZB1AB0001
L1	J0JBC0000041	FILTER	1	
L2	J0JHC0000016	FILTER	1	
L3	J0JBC0000041	FILTER	1	
L4	J0JKC0000009	FILTER	1	
L5	J0JHC0000016	FILTER	1	
L6	J0JBC0000041	FILTER	1	
L7	J0JHC0000016	FILTER	1	
L8-18	J0JBC0000041	FILTER	11	
L19	VLQ0163J470	COIL 47UH	1	
L21	VLQ0163J330	COIL 33UH	1	G1C330J00004
L22	J0JBC0000041	FILTER	1	
L23,24	ELJRE8N2JF2	COIL 8.2UH	2	
L25,26	J0JBC0000041	FILTER	2	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2	VJP4395D007	CONNECTOR (MALE)	1	
Q1-Q3	2SK316-Q	TRANSISTOR	3	2SK03160Q
Q4	2SB09560HL	TRANSISTOR	1	
Q5	2SD1280	TRANSISTOR	1	
Q6	2SB09560HL	TRANSISTOR	1	
Q7-Q9	UN2215	TRANSISTOR-RESISTOR	3	
Q10	2SA1461Y24	TRANSISTOR	1	
Q11	2SD0601ARL	TRANSISTOR	1	
Q13-15	UN2215	TRANSISTOR-RESISTOR	3	
Q16	UN5212	TRANSISTOR-RESISTOR	1	
R3,R4	EXB24V473J	COMBI.R-R 47K	2	
R7,R8	EXB24V473J	COMBI.R-R 47K	2	
R11,12	EXB24V473J	COMBI.R-R 47K	2	
R15,16	EXB24V473J	COMBI.R-R 47K	2	
R19,20	EXB24V473J	COMBI.R-R 47K	2	
R21	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R22	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R23	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R25	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R28	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R29	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R30,31	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R32	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R33	ERJ3GEYJ623	M.RESISTOR CH 1/16W 62K	1	
R34	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R35	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R38	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R39	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R40	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R41	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R42	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R43	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R45	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R46	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R47	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R48,49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R50	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R51	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R52	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R53	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R55	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R56	ERJ3RED510	M.RESISTOR CH 1/16W 51	1	
R57	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R58	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R59	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R60	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R62	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R63	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R64	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R65,66	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R67	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R68	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R69	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R70	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R71	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R72	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R73-75	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R76	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R77	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R78	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R80	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R81	ERJ3GEYJ241	M.RESISTOR CH 1/16W 240	1	
R82	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R83	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R84	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R85	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R86	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R87	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R88	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R89,90	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R91	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R92	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R93	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R94	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R95	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R102-07	EXB24V473J	COMBI.R-R 47K	6	
R108-11	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R112,13	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R116	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R120,21	EXB24V473J	COMBI.R-R 47K	2	
R122,23	EXB24V101J	COMBI.R-R 100	2	
R124	EXB24V473J	COMBI.R-R 47K	1	
R126	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R127	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	1	
R128	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R129	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R130	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R131	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R132	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R133	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R134	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R136	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R137	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R138	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R139	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R140-42	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R143-45	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R146	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R147	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R148	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R149	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R150	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R151-53	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R154-56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R157	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R158	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R159	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R160	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R161	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R162-64	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R165-67	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R168	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R169	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R170	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R171	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R172	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R173-75	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	3	
R176-78	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R179	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R180-84	EXB24V101J	COMBI.R-R 100	5	
R185	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R187	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R188	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R189	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R191	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R192-96	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	5	
R197-01	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	5	
R202	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R203	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R204,05	ERJ3GEYJ432	M.RESISTOR CH 1/16W 4.3K	2	
R206,07	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	2	
R208,09	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R210	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R211-13	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	3	
R214	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R215,16	ERJ3GEYJ432	M.RESISTOR CH 1/16W 4.3K	2	
R217,18	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	2	
R219,20	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R221	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R222-24	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	3	
R225	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R249	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R250	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R251	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R252	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R254,55	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R258,59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
SW1	CAS-120B	SWITCH	1	
TP1-P3	EYF6CU	TEST POINT	3	
VR1	VRV0303B500A	V.RESISTOR 50	1	
VR2	VRV0303B502	V.RESISTOR 5K	1	
VR3	VRV0303B500A	V.RESISTOR 50	1	
VR4	VRV0303B502	V.RESISTOR 5K	1	
VR5	VRV0303B500A	V.RESISTOR 50	1	
VR6	VRV0303B502	V.RESISTOR 5K	1	
X1	VSX0670	CRYSTAL OSCILLATOR	1	H1C3605A0002
		MISCELLANEOUS		
	VSC5322	HEAT SINK	1	
	VMT1231	THERMAL CONDUCTIVE 1	1	
	XYN2+J6	SCREW	4	
	VMX3203	SPACER	2	
	VMS7112	SPACER	1	
	XYN3+K6	SCREW	1	
■ E3	VEP21250B	CAM POWER P.C.BOARD	1	(RTL)
C1	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C2	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4	ECST1CD686	T.CAPACITOR CH 16V 68U	1	
C5	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C7	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C9	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C11	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C12	ECST0JX336	T.CAPACITOR CH6.3V 33U	1	
C13	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C16	EEUFC1V151	E.CAPACITOR 35V 150P	1	
C17	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C18,19	VCEA1AAP221	E.CAPACITOR 10V 220U	2	F2D1A2210001
C20,21	EEUFC1V151	E.CAPACITOR 35V 150P	2	
C22	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C23,24	VCEA1AAP221	E.CAPACITOR 10V 220U	2	F2D1A2210001
C25-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C28,29	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C30,31	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C32,33	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C34-37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C38	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C39,40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C41	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C42	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C43	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C44,45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C46	ECST1CY335ZR	T.CAPACITOR CH 16V 3.3U	1	ECST1CY335R
C47,48	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C49	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C51	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	
C52	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C53,54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C55	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C56-58	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C60,61	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2	
C62,63	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	2	
C64	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C65	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	
C66-70	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C71	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C72	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C73,74	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2	
C75	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C76	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C77	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C78	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C79	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C80	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C81,82	ECST1CC226Z	T.CAPACITOR CH 16V 22U	2	
C108	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C110	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	
C112,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C114,15	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C116	ECSF1AE336	T.CAPACITOR CH 10V 33U	1	
C121-26	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	6	
D1-D6	MA152WK	DIODE	6	
D7	MA3180	DIODE	1	
D8	EA60QC04F	DIODE	1	B0JDRE000002
D9	MA3062	DIODE	1	
D10	MA3180	DIODE	1	
D11	EA60QC04F	DIODE	1	B0JDRE000002
D12	MAZ306800L	DIODE	1	
D13-16	MA3047	DIODE	4	
D17	B0JCML000002	DIODE	1	
IC1	TL062CPW	IC	1	
IC2	TL1451CNS	IC	1	C0DBAMA00001
IC3	NJM431U	IC	1	C0DBEZC00003
IC4,C5	TL062CPW	IC	2	
IC6	NJM431U	IC	1	C0DBEZC00003
IC7	C0ABEB000023	IC	1	
IC8	NJM4560MD	IC	1	C0ABBB000116
IC9	MCD5223	IC	1	B3RAC0000004
IC10	C0ABBA000075	IC	1	
IC11	MCD5223	IC	1	B3RAC0000004
IC12	TL062CPW	IC	1	
IC13,14	TC4W53FU	IC	2	
IC15	C0ABEB000023	IC	1	
IC16	TC4W53FU	IC	1	
IC17	C0ABEB000023	IC	1	
IC18	NJM4560MD	IC	1	C0ABBB000116
IC29	C0ABEB000023	IC	1	
L1	VLQ0417	COIL 10UH	1	
L2	J0JKC0000009	FILTER	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L3	VLQ0400	COIL	1	
L4,L5	VLQ0417	COIL 10UH	2	
L6	VLQ0400	COIL	1	
L7	J0JKC0000009	FILTER	1	
L8	VLQ0417	COIL 10UH	1	
L9,10	J0JKC0000009	FILTER	2	
L11-13	J0JBC0000041	FILTER	3	
L14	J0JKC0000009	FILTER	1	
L15	J0JBC0000041	FILTER	1	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
Q1	2SD0601ARL	TRANSISTOR	1	
Q2	UN2215	TRANSISTOR-RESISTOR	1	
Q3,Q4	2SD0601ARL	TRANSISTOR	2	
Q5	2SB0709A0L	TRANSISTOR	1	
Q6	2SJ245S	TRANSISTOR	1	
Q7	2SB0709A0L	TRANSISTOR	1	
Q8	2SD0601ARL	TRANSISTOR	1	
Q9	2SB0709A0L	TRANSISTOR	1	
Q10	2SJ245S	TRANSISTOR	1	
Q11	2SD0601ARL	TRANSISTOR	1	
Q12	2SB09560HL	TRANSISTOR	1	
Q13	2SD1280	TRANSISTOR	1	
Q14-16	2SB09560HL	TRANSISTOR	3	
R1	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R2	ERW2PKR10	W.RESISTOR 2W 0.1	1	
R3	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K	1	
R4	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R5,R6	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	2	
R7	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R8	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R9	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R10	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R11	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R12	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R13	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R14	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R15	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R16	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R17	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R18	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R20	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R21	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R22	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R23	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R25	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R26	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R27	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R28	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R29	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R30	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R31	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R32	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R33	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R34	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R35	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R36	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R37	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R38	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R39	ERQ16NKR10	F.RESISTOR 0.1	1	
R40	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R41	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R42	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R43	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R44	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R45	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R46,47	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R48	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R49	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R50	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R51	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R52	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R53,54	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R55	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R56	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R57	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R58	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R59	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R62,63	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R64	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R65	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R66	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R67	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R68	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R71	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R72	ERJ3GEYJ432	M.RESISTOR CH 1/16W 4.3K	1	
R73	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R74	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R75	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R76	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R77,78	ERJ3GEYJ204	M.RESISTOR CH 1/16W 200K	2	
R79-82	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R83,84	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	2	
R86	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R87,88	ERJ6GEYJ201	M.RESISTOR CH 1/10W 200	2	
R90	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R91	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R92	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R93	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R94,95	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R96,97	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R98	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R99,00	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R101	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R102	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	1	
R103	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R104	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R105	ERJ3GEYJ163	M.RESISTOR CH 1/16W 16K	1	
R106	ERJ3GEYJ362	M.RESISTOR CH 1/16W 3.6K	1	
R107	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R108,09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R110	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	1	
R111,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R146,47	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	2	
SW1	CAS-120B	SWITCH	1	
VR1	VRV0303B502	V.RESISTOR 5K	1	
VR2,R3	VRV0303B103	V.RESISTOR 10K	2	
		MISCELLANEOUS		
	VSC5316	SHIELD CASE (PWR)	1	
	VSC5317	SHIELD CASE COVER (PWR)	1	
	XYN2+J6	SCREW	2	
■ E6	VEP20A38A	CAM IF P.C.BOARD	1	(RTL)
P101	K1KAA0A00110	CONNECTOR (MALE)	1	
P102	VJP4064Q070	CONNECTOR	1	
		MISCELLANEOUS		
	XSB2+6FX	SCREW	2	

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ELECTRICAL REPLACEMENT PARTS LIST

AJ-BS901EN/MC

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP20818A	BS MOTHER P.C.BOARD	1	(RTL)
■ E2	VEP23518F	BS DIGITAL P.C.BOARD	1	(RTL)
■	VEP20885A	BS DIGITAL SUB P.C.BOARD	1	(RTL)FOR VEP23518F
■ E3	VEP24184B	BS AUDIO P.C.BOARD	1	(RTL)
■ E4	VEP21288A	BS POWER P.C.BOARD	1	(RTL)
■ E5	VEP21249A	BS AD FILTER P.C.BOARD	1	(RTL)
■ E6	VEP20819C	BS FRONT P.C.BOARD	1	(RTL)
■ E7	VEP21251A	BS POWER IF P.C.BOARD	1	(RTL)
■ E8	VEP24163C	BS INCOM P.C.BOARD	1	(RTL)
■ E9	VEP20840B	BS AUDIO P.C.BOARD	1	(RTL)
■ E10	VEP20833A	BS COMM P.C.BOARD	1	(RTL)
■ E11	VEP20832A	BS REAR P.C.BOARD	1	(RTL)
■ E12	VEP26248A	BS ECU LED P.C.BOARD	1	(RTL)
■ E13	VEP27214A	BS RF U P.C.BOARD	1	(RTL)
■ E2	VEP23518F	BS DIGITAL P.C.BOARD	1	(RTL)
C1	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	FOR VEP20885A
C1	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C2	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	FOR VEP20885A
C2	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C3	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	FOR VEP20885A
C4	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C4	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	FOR VEP20885A
C5	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C7,C8	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C9	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C10	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C11	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C12,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C14	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C15,16	ECST1VY104	T.CAPACITOR CH 35V 0.1U	2	
C17	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C19	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C21	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C22,23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C24	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C25-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C28,29	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C31	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C32	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C33	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C34-37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C38	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C39,40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C41	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C42	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C43	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C44,45	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C46,47	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C48-50	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C51	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C52	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C53	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C54	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C55,56	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C57-59	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C60	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C61	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C62	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C63	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C64,65	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C66	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C67,68	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C69	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C70	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C71	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C72,73	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C74,75	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C76-78	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C79	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C80	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C81	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C82	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C83,84	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C85-87	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	3	
C88	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C89	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C90	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C91	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C92-94	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C95	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C96	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C97	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C98	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C99	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C100-03	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C104,05	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C106,07	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C108,09	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C110	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C111	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C112	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C115,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C117	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C118	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C119,20	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C121-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C128,29	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C130-32	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C133,34	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C135-40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C141	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C142	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C143,44	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C145,46	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C147,48	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C149-51	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C152	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C153	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C154	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C155	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C156	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C157	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C158	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C159	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C162	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C163	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C164	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C165	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C166	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C167	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C168	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C170	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C171	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C172	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C173	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C174	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C175	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C176	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C177	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	1	
C178	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C179	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C180,81	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C182	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C183	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C184-89	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C191	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C192,93	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C194	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C195	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C196	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C197	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C198	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C199	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C200	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C201	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C202	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C203	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C204	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C205	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C206	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C207	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C208	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C209	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C210	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C211	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C212	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C213	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C214	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C215	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C216	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C217	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C218	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C219	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C220	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C221,22	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C223,24	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C225,26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C227	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C228	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C229	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C230	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C231	ECST1VC685	T.CAPACITOR CH 35V 6.8U	1	
C232	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C233	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C234	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C235	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C236	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C237	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C238	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	ECST1CY225R
C239,40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C241	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C242-45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C246	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C247	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C248	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C249	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C250	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C251	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C252	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C253	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	1	
C254	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C255	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C256	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C257	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C258	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C259	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C260	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C263	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C264	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C266	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C267	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C268	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C269	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C271	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C272	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C273	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C274	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C276	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C277	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C278	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C279	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C280	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C282	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C283	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C284	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C285	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C286	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C287	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C288	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C289	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C290	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C291,92	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	2	ECST1CY225R
C293-99	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C300	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C301	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C302	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C303	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C304	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C305	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C306	ECUX1H090DCV	C.CAPACITOR CH 50V 9P	1	
C307	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C308	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C309	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C310	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C311,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C313	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C314	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C315	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C316	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C317	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C318	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C319	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C320	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C322	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C323	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C324	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C326	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	1	
C327	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C328	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C329	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C330	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C331	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C332	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C333	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C334,35	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	2	ECST1CY225R
C336,37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C338	ECJ1VC1H181J	C.CAPACITOR CH 50V 180P	1	
C339-41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C342	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C343	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C344	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C345	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C346	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C347	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C349	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C350	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C351	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C352,53	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C354	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C355	ECCF1H390JC	C.CAPACITOR 50V 39P	1	
C356	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C357-61	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C362,63	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C364-66	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C367,68	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C369	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C370	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C371	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C372	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C373	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C374	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C375	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C376,77	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C378	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C379	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C380,81	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C382	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C383	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C384	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C385	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C386,87	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C388	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C389	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C390-92	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C393	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C394	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C395	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C396	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C397	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C398	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
C399	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C400	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C401	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C402	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C434	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C435	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C436-39	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C440	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C441	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C442	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C443	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C444	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C445	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C446	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C447	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C448	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C449,50	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C451,52	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	2	
C453-55	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	3	
D1-D3	MA152K	DIODE	3	
D4,D5	MA3047	DIODE	2	
D6-D8	MA152K	DIODE	3	
FL1-L5	F1L1H2040004	C.CAPACITOR CH 50V 0.2U	5	
IC1	C0ABBA000075	IC	1	
IC1,C2	EPM7032AE441	IC	2	FOR VEP20885A
IC2	GS9024-CKB	IC	1	
IC3	GS9035A-CPJ	IC	1	
IC4	C1AB00001792	IC	1	
IC5	C0EBH0000053	IC	1	
IC6	C0JBAA000076	IC	1	
IC7,C8	C0JBAF000315	IC	2	
IC9	C0JBAZ000855	IC	1	
IC10	C1AB00001136	IC	1	
IC11	MN64672	IC	1	
IC12,13	M5220FP	IC	2	C0ABBB000152
IC14	MN64672	IC	1	
IC15,16	M5220FP	IC	2	C0ABBB000152
IC17	C0JBAZ000855	IC	1	
IC19,20	TC7WH125FU	IC	2	
IC21	TC7WT125FU	IC	1	
IC22	C0JBAB000007	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC23	MC74HC4046AF	IC	1	C0JBAZ000153
IC24	C1AB00001618	IC	1	
IC25-29	C0JBAZ000855	IC	5	
IC30	C1AB00001618	IC	1	
IC31,32	TC74ACT244F	IC	2	
IC33	GF9103-CPS	IC	1	
IC34-37	C0JBAZ000855	IC	4	
IC38,39	C1AB00001618	IC	2	
IC40	ADV7122KST50	IC	1	C0FBBF000019
IC41	AD589JR	IC	1	
IC42	TC7W53FU	IC	1	
IC43	C0JBAB000007	IC	1	
IC44	AD818AR	IC	1	C0ABAB000064
IC45	TC7W53FU	IC	1	
IC46	AD818AR	IC	1	C0ABAB000064
IC47	ADV7122KST50	IC	1	C0FBBF000019
IC48	AD589JR	IC	1	
IC49	AD818AR	IC	1	C0ABAB000064
IC50,51	C0JBAZ000611	IC	2	
IC52	TL081CPS	IC	1	
IC53	TC74ACT244F	IC	1	
IC54-56	AD818AR	IC	3	C0ABAB000064
IC57	C1AB00001618	IC	1	
IC58	AN77L09M	IC	1	
IC59	XC62EP3202M	IC	1	
IC60	C0ABBA000075	IC	1	
IC61	NJM431U	IC	1	C0DBEZC00003
IC62	ADV7122KST50	IC	1	C0FBBF000019
IC63	AD589JR	IC	1	
IC64-67	AD818AR	IC	4	C0ABAB000064
IC68	AD817AR	IC	1	C0ABAB000062
IC69	AD818AR	IC	1	C0ABAB000064
IC70	TL062CPW	IC	1	
IC71	NJM1496M	IC	1	C1CB00000435
IC72	AD818AR	IC	1	C0ABAB000064
IC73,74	NJM1496M	IC	2	C1CB00000435
IC75-79	TC7WH125FU	IC	5	
IC80	C0JBZZ000140	IC	1	
IC81	EPC1441PC8	IC	1	C3DAKA000013
IC82	TC74ACT244F	IC	1	
IC83,84	M5220FP	IC	2	C0ABBB000152
IC85	MN64672	IC	1	
IC89	C1AB00001136	IC	1	
IC90	TC7W74FU	IC	1	
IC91	C0JBAZ000855	IC	1	
IC92	UPD6456T611Y	IC	1	C1AB00000555
ID81	VVVSI3721B	SOFTWARE	1	DOWNLOAD ONLY
IP1,P2	VSI3724	IC	2	
J1	VJS3303	CONNECTOR	1	K1QZB1AA0012
L1	J0JBC0000041	FILTER	1	FOR VEP20885A
L1	J0JKC0000009	FILTER	1	
L2	ELJRE15NJF2	COIL	1	
L2	J0JBC0000041	FILTER	1	FOR VEP20885A
L3-L5	J0JKC0000009	FILTER	3	
L6-10	J0JBC0000041	FILTER	5	
L11	J0JKC0000009	FILTER	1	
L12-14	J0JBC0000041	FILTER	3	
L15,16	J0JKC0000009	FILTER	2	
L17-19	J0JBC0000041	FILTER	3	
L20-23	VLQ0163J1R5	COIL 1.5UH	4	
L24	SLQDNL101JT	COIL 100UH	1	G1C101J00002
L25	VLQ0163J120	COIL 12UH	1	G1C120J00001
L26	VLQ0163J560	COIL 56UH	1	
L27-32	VLQ0163J1R5	COIL 1.5UH	6	
L33	J0JBC0000041	FILTER	1	
L34	SLQDNL101JT	COIL 100UH	1	G1C101J00002
L35	VLQ0163J120	COIL 12UH	1	G1C120J00001
L36	VLQ0163J560	COIL 56UH	1	
L37,38	VLQ0163J1R5	COIL 1.5UH	2	
L39	VLQEL05F331J	COIL 330UH	1	
L40,41	VLQ0467J120	COIL 12UH	2	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L42	VLQ0163J560	COIL 56UH	1	
L43	VLQ0163J121	COIL 120UH	1	G1C121J00001
L44	VLQEL05F331J	COIL 330UH	1	
L45,46	VLQ0163J150	COIL 15UH	2	
L47	VLQ0163J180	COIL 18UH	1	G1C180J00001
L48-50	J0JBC0000041	FILTER	3	
L51	NL322522T	COIL 27UH	1	
L52-61	J0JBC0000041	FILTER	10	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P1,P2	VJP4395D007	CONNECTOR (MALE)	2	FOR VEP20885A
P2	VJP4395D007	CONNECTOR (MALE)	1	
Q1	UN2215	TRANSISTOR-RESISTOR	1	
Q2	2SK94-X4	TRANSISTOR	1	B1DBAF000001
Q3	2SC3734B24	TRANSISTOR	1	
Q4	2SA10220CL	TRANSISTOR	1	
Q5	2SC3734B24	TRANSISTOR	1	
Q6	2SA10220CL	TRANSISTOR	1	
Q7	2SA1461Y24	TRANSISTOR	1	
Q8	2SC3734B24	TRANSISTOR	1	
Q9	UN2111	TRANSISTOR-RESISTOR	1	
Q10,11	2SK508-B	TRANSISTOR	2	
Q12-14	2SC3734B24	TRANSISTOR	3	
Q15,16	2SB09560HL	TRANSISTOR	2	
Q17	2SD1280	TRANSISTOR	1	
Q18	2SA1461Y24	TRANSISTOR	1	
Q19,20	2SC3734B24	TRANSISTOR	2	
Q21	2SC2295-C	TRANSISTOR	1	
Q22	2SA10220CL	TRANSISTOR	1	
Q23	2SK94-X4	TRANSISTOR	1	B1DBAF000001
Q24	2SC2295-C	TRANSISTOR	1	
Q25,26	2SC3734B24	TRANSISTOR	2	
Q27	2SC2295-C	TRANSISTOR	1	
Q28,29	2SC3734B24	TRANSISTOR	2	
Q30	2SC2295-C	TRANSISTOR	1	
Q31	2SA10220CL	TRANSISTOR	1	
Q32	2SK94-X4	TRANSISTOR	1	B1DBAF000001
Q33	2SC2295-C	TRANSISTOR	1	
Q34	UN2215	TRANSISTOR-RESISTOR	1	
Q35	2SD0601ARL	TRANSISTOR	1	
Q36	UN2215	TRANSISTOR-RESISTOR	1	
R1	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002 FOR VEP20885A
R1	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R2	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	FOR VEP20885A
R2	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R3	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	FOR VEP20885A
R3	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R4	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	FOR VEP20885A
R4	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R5	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	FOR VEP20885A
R5	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R6-R8	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	FOR VEP20885A
R8	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R9	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	FOR VEP20885A
R11	ERJ3GEYJ750	M.RESISTOR CH 1/16W 75	1	
R12	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R13,14	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R15	ERJ3GEYJ361	M.RESISTOR CH 1/16W 360	1	
R16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R17	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R18	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R19	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R20	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R21,22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R23,24	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R25-32	ERJ3GEYJ432	M.RESISTOR CH 1/16W 4.3K	8	
R33-40	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	8	
R41-48	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	8	
R49-52	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	4	
R53-56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R57	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R58	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R59	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R60	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R61	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R62	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R63	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R64	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R65	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R66	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R67	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R68	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R69	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R70	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R71	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R72	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R73	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R74-93	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	20	
R94,95	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R96,97	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R99	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R101	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R102-04	ERJ3RED750	M.RESISTOR CH 1/16W 75	3	
R105	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R106	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R107,08	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R109,10	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R111	ERJ3GEYJ911	M.RESISTOR CH 1/16W 910	1	
R113	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R114	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R116	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R118	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R119	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R120	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R121	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	1	
R122	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R123	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R125	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R126	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R127,28	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R129,30	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R131	ERJ3GEYJ911	M.RESISTOR CH 1/16W 910	1	
R132	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	1	
R134	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R135	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R136	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R137	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R138	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R139	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R141	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R142	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R143	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	1	
R144	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R145	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R147	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R148	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R149	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R150-52	ERJ3RED750	M.RESISTOR CH 1/16W 75	3	
R153	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R154	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R155	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R156	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R157	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R158	ERJ3GEYJ243	M.RESISTOR CH 1/16W 24K	1	
R159	ERJ3GEYJ752	M.RESISTOR CH 1/16W 7.5K	1	
R160	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R161	ERJ3GEYJ113	M.RESISTOR CH 1/16W 11K	1	
R162	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R163	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R164	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R165	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R166,67	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	2	
R168	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R169,70	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R171,72	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R173	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R175	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R176	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R177	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R178	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R179	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R180	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R181,82	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R183,84	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R185	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R187	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R188	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R189	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R190	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R191	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R192	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R193	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R194,95	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R196,97	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R198	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R200	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R201	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R202	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R203	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R204	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R205	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R206,07	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R208	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R209	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R210,11	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R212	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R213	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R214	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R215	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R216	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R217	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R218	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R219	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R220-22	ERJ3RED750	M.RESISTOR CH 1/16W 75	3	
R223	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R224	ERJ3GEYJ162	M.RESISTOR CH 1/16W 1.6K	1	
R225	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R226	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R227	ERJ3GEYJ202	M.RESISTOR CH 1/16W 2K	1	
R229	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R230	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R231	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R232	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R233	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R234	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R235	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R236	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R237	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R238	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R239	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R240	ERJ3GEYJ363	M.RESISTOR CH 1/16W 36K	1	
R241	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R243	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R244	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R246	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R247,48	ERJ3RBD821	M.RESISTOR CH 1/16W 820	2	
R249	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R251	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R252,53	ERJ3RBD821	M.RESISTOR CH 1/16W 820	2	
R254	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R256	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R257,58	ERJ3RBD821	M.RESISTOR CH 1/16W 820	2	
R259	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R260	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R261	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R263	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R264	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R266-68	ERJ6RED750	M.RESISTOR CH 1/10W 75	3	
R269	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R270	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R271	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R272	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R273	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R274	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R275	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R276	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R277	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R278	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R279	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R280	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R281	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R282	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R283	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R284	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R285	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R286	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R287	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R288	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R289	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R290	ERJ3GEYJ361	M.RESISTOR CH 1/16W 360	1	
R291	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R292	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R293	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R294	ERSA39J102	M.RESISTOR 1/8W 1K	1	
R295	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R296	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R297,98	ERJ3RBD621	M.RESISTOR CH 1/16W 620	2	
R299	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R300,01	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	2	
R302	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R303	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R304	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R305	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R306	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R307	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R308	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R309	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510	1	
R310	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R311	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R312	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R313	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R314	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R315	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R316	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R317	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R318	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R319	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R320	ERJ3GEYJ512	M.RESISTOR CH 1/16W 5.1K	1	
R321	ERJ3RBD162	M.RESISTOR CH 1/16W 1.6K	1	
R322	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R323	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R324	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R325	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R326	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R327	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R328	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R329	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R330	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R331	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R332	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R333	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R334	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R335	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R336	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R337	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R338	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R339	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K	1	
R340	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R341	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R342	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R343	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R344-46	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R348	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R349	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R350	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R351	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R352	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	

Components identified with the mark ⚠ have special characteristics for safety.
When replacing any of these component, use only the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R353	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R354	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R355	ERJ3GEYJ913	M.RESISTOR CH 1/16W 91K	1	
R356-60	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R361	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R362-66	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	5	
R367	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R368	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R369-72	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	4	
R373-75	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R376	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R377	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R378	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R379-82	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	4	
R383-85	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R386	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R407	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R408	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1	
R409	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R410	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R412,13	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R414	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R415,16	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R417	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R419-56	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	38	
R457-59	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	3	
SW1	CAS-120B	SWITCH	1	
SW2	VSS0367-08B	SWITCH	1	
SW3	CAS-120B	SWITCH	1	
TP1-P3	EYF6CU	TEST POINT	3	
VC1	ECV1ZW30X53	TRIMMER	1	
VR1,R2	VRV0303B501	V.RESISTOR 500	2	
VR3,R4	VRV0303B103	V.RESISTOR 10K	2	
VR5-R7	VRV0303B501	V.RESISTOR 500	3	
VR8	VRV0303B502	V.RESISTOR 5K	1	
VR9-15	VRV0303B501	V.RESISTOR 500	7	
VR16,17	VRV0303B102	V.RESISTOR 1K	2	
VR18	VRV0303B103	V.RESISTOR 10K	1	
VR19	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
VR20,21	VRV0303B103	V.RESISTOR 10K	2	
VR22	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
VR23	VRV0303B503	V.RESISTOR 50K	1	
VR24	VRV0303B203A	V.RESISTOR 20K	1	D3EC3203A002
X1	VSX0670	CRYSTAL OSCILLATOR	1	H1C3605A0002
		MISCELLANEOUS		
	VML3560	CARD PULLER	1	
	XSB2+6FX	SCREW	2	
■ E3	VEP24184B	BS AUDIO P.C.BOARD	1	(RTL)
C1,C2	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C20,21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C23-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C28	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C29-35	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C36-38	EEVHB1E101P	E.CAPACITOR 25V 100U	3	
C39,40	ECST1VV106R	T.CAPACITOR CH 35V 10U	2	
C41	EEVHB1E101P	E.CAPACITOR 25V 100U	1	
C42,43	ECST1VV106R	T.CAPACITOR CH 35V 10U	2	
C44	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C45,46	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C47	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C48	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C49,50	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C51	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C52,53	ECST1VV106R	T.CAPACITOR CH 35V 10U	2	
C54	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C64	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C67	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C68,69	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	2	
C70,71	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	2	
C100-24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	25	
C125,26	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C127-29	ECST1VY224Z	T.CAPACITOR CH 35V 0.22U	3	
C130,31	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
C132-34	ECST1CX106Z	T.CAPACITOR CH 16V 10U	3	
C135	ECST1VV106R	T.CAPACITOR CH 35V 10U	1	
C136	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C137,38	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C139	ECST1VV106R	T.CAPACITOR CH 35V 10U	1	
C140	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C141	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C142-44	ECST1VV106R	T.CAPACITOR CH 35V 10U	3	
C200-06	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C207	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C208,09	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	2	
C210-12	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
C213	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C214,15	ECJ1VC1H181J	C.CAPACITOR CH 50V 180P	2	
C216,17	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	2	
C218-21	ECST1VV106R	T.CAPACITOR CH 35V 10U	4	
C222,23	ECST1EC106	T.CAPACITOR CH 25V 10U	2	
C300	EEVHP1A100	E.CAPACITOR 10V 10U	1	
C301	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C302,03	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C304-06	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C308	EEVHP1A100	E.CAPACITOR 10V 10U	1	
C309	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C310,11	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	2	
C312-17	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C321-23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C324	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C326	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C327	EEVHP1E3R3	E.CAPACITOR 25V 3.3U	1	
C329,30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C332	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C333	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C334,35	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C336	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C338	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C339	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C340,41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C342	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C343	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C344-47	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C400,01	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C402	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C403,04	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C405	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C408	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C409	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C410,11	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C412	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C413	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C414	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C415	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C416	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C417	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C419	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C421	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C422	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C423,24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C426-28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C429	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C430	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C432	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C433	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C435-41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C442	EEVHP1E3R3	E.CAPACITOR 25V 3.3U	1	
C445-49	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C450	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C451	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C452	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C453,54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C455	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C456	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C457	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C458	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C459	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C460,61	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C462	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C500-10	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	11	
C511-15	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	5	
C516,17	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	2	
C518,19	ECST1EY155	T.CAPACITOR CH 25V 1.5U	2	
C520	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C521-24	ECST1CC336R	T.CAPACITOR CH 16V 33U	4	
C525	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C600-04	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	5	
C605	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C606-15	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	10	
C616	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C617	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C618,19	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	2	
C620,21	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C622	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C623	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C624,25	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C626	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C628	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C629	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C630	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C631-33	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	3	
C634	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C635	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C636	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C637	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	1	
C638	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C639-45	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	7	
C646,47	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C648,49	ECJ1VB1C104K	C.CAPACITOR CH 16V 0.1U	2	
D1	MA142WA	DIODE	1	
D100-04	MA3047M	DIODE	5	
D200-03	EC11FS2	DIODE	4	B0HCMM000005
D300-03	MA8024	DIODE	4	
D304	MA3J14300L	DIODE	1	
D305	MA142K	DIODE	1	
D401	MA3J14300L	DIODE	1	
D403	MA3J14300L	DIODE	1	
D500-10	MA152K	DIODE	11	
D600,01	MA8024	DIODE	2	
IC1	NJM4558M	IC	1	C0ABBB000044
IC2-C4	NJM4560MD	IC	3	C0ABBB000116
IC5,C6	NJM4558M	IC	2	C0ABBB000044
IC7	MC14053BF	IC	1	C0JBAR000023
IC8	NJM4558M	IC	1	C0ABBB000044
IC9	MC14053BF	IC	1	C0JBAR000023
IC10-12	TL062CPW	IC	3	
IC100	ZUS1R51212	IC	1	
IC101	C0EBH0000241	IC	1	
IC102	C0EBE0000211	IC	1	
IC103	C0EBB0000062	IC	1	
IC104	C0JBCA000066	IC	1	
IC105	C0JBAA000261	IC	1	
IC106	C0ABBA000075	IC	1	
IC107	C0CABGG00004	IC	1	
IC108	TL062CPW	IC	1	
IC109	C0ABBA000075	IC	1	
IC110	C0CAAGG00010	IC	1	
IC111	NJM431U	IC	1	C0DBEZC00003
IC201	NJM4558M	IC	1	C0ABBB000044

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC202	NJM4560MD	IC	1	C0ABBB000116
IC203	NJM4558M	IC	1	C0ABBB000044
IC204	NJM4560MD	IC	1	C0ABBB000116
IC205,06	NJM4558M	IC	2	C0ABBB000044
IC207,08	C0JBAZ001529	IC	2	
IC209	C0JBAB000007	IC	1	
IC300	C0JBAA000174	IC	1	
IC301,02	C0JBAZ001605	IC	2	
IC303	C1AB00000234	IC	1	
IC304,05	NJM082BV	IC	2	
IC307	TC7W53FU	IC	1	
IC308	TLC272CPW	IC	1	C0ABHA000022
IC309	C0JBAM000045	IC	1	
IC310	XC62FP3002P	IC	1	
IC311	C0JBAB000422	IC	1	
IC312,13	C0JBCA000066	IC	2	
IC314	C0JBAA000261	IC	1	
IC400-02	C0JBCA000066	IC	3	
IC403	C0JBAZ001529	IC	1	
IC404	XC62FP3302M	IC	1	
IC405	TC7W53FU	IC	1	
IC406	C0JBAZ001605	IC	1	
IC407	C0JBAZ001529	IC	1	
IC408	TC7W53FU	IC	1	
IC410	NJM082BV	IC	1	
IC411	C0JBAC000310	IC	1	
IC412	TC7W53FU	IC	1	
IC414	NJM082BV	IC	1	
IC415	NJM360M	IC	1	C0BBZB000001
IC416	NJM082BV	IC	1	
IC417	TC7W53FU	IC	1	
IC418	C0JBAB000350	IC	1	
IC419	C0JBAA000261	IC	1	
IC421	C0JBAB000350	IC	1	
IC500	LTC1446CS8	IC	1	
IC502,03	SN75C1168NS	IC	2	
IC505	HD64F3048F16	IC	1	C2CBHF000009
IC506	C0JBAA000076	IC	1	
IC507	C3ZBD0000004	IC	1	
IC508	C0JBAZ000855	IC	1	
IC509	AN90B20S	IC	1	
IC600	C1ZBZ0001555	IC	1	
IC601	C0JBAZ000854	IC	1	
IC602	C0JBAA000261	IC	1	
IC603	C1ZBZ0001836	IC	1	
IC604	C0JBCA000066	IC	1	
IC605	C0JBAZ001605	IC	1	
IC606	NJM082BV	IC	1	
IC607	C0JBAB000350	IC	1	
IC608	C0JBAZ001120	IC	1	
IC609	C0JBAB000350	IC	1	
IC610	C0JBAR000353	IC	1	
IC611	C0JBCA000066	IC	1	
L1,L2	VLQ0319K470	COIL 47UH	2	G1C470K00013
L100,01	J0JBC0000019	FILTER	2	
L102-07	G1C101K00022	COIL 100UH	6	
L200,01	J0JBC0000041	FILTER	2	
L202,03	VLQ0319K470	COIL 47UH	2	G1C470K00013
L300	G1C101K00022	COIL 100UH	1	
L301-05	J0JBC0000019	FILTER	5	
L306	G1C101K00022	COIL 100UH	1	
L307-10	J0JBC0000019	FILTER	4	
L400-02	J0JBC0000019	FILTER	3	
L403	VLQ0163J470	COIL 47UH	1	
L404-07	J0JBC0000019	FILTER	4	
L408	G1C221J00003	COIL 220UH	1	
L409,10	J0JBC0000019	FILTER	2	
L411	G1C221J00003	COIL 220UH	1	
L414-16	J0JBC0000019	FILTER	3	
L417	G1C101K00022	COIL 100UH	1	
L418,19	J0JBC0000019	FILTER	2	
L420,21	G1C101K00022	COIL 100UH	2	
L423	J0JBC0000019	FILTER	1	
L500	J0JBC0000019	FILTER	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L501	J0JBC0000041	FILTER	1	
L502	J0JBC0000019	FILTER	1	
L503	J0JBC0000041	FILTER	1	
L504	J0JBC0000019	FILTER	1	
L505	G1C101K00022	COIL 100UH	1	
L506	J0JBC0000041	FILTER	1	
L507	J0JBC0000019	FILTER	1	
L600,01	J0JBC0000019	FILTER	2	
L602	G1C101K00022	COIL 100UH	1	
L603	J0JBC0000041	FILTER	1	
L604-06	J0JBC0000019	FILTER	3	
L607	J0JBC0000041	FILTER	1	
L608-10	J0JBC0000019	FILTER	3	
L611	VLQ0163J470	COIL 47UH	1	
L612,13	J0JBC0000019	FILTER	2	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2	K1MN20A00036	CONNECTOR	1	
P3	K1KA08B00147	CONNECTOR (FEMALE)	1	
PC200,01	B3PBA0000038	PHOTO ISOLATION	2	
Q100-03	2SB956-R	TRANSISTOR	4	
Q104	2SD1280	TRANSISTOR	1	
Q200,01	2SD1280	TRANSISTOR	2	
Q300	2SD1819A-R	TRANSISTOR	1	
Q301	2SA1532-B	TRANSISTOR	1	
Q400	2SB1218A-R	TRANSISTOR	1	
Q401,02	2SD1819A-R	TRANSISTOR	2	
Q600	2SD1819A-R	TRANSISTOR	1	
QR201	UN2215	TRANSISTOR-RESISTOR	1	
QR600	UN2212	TRANSISTOR-RESISTOR	1	UNR2212
R1	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R2,R3	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R5	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6,R7	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	2	
R8	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R10	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R20,21	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R24	ERJ3RED330	M.RESISTOR CH 1/16W 33	1	
R25	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R26,27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R29	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R30,31	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R33	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R37	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R38	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R39,40	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R45	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R46	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R49	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R50	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R51	ERJ3GEYJ433	M.RESISTOR CH 1/16W 43K	1	
R56	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R57	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R58	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R63	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	1	
R64	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R66	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R67,68	ERJ3GEYJ113	M.RESISTOR CH 1/16W 11K	2	
R70	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R71	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R76	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R82	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R83	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R88	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R90,91	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R95-98	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	4	
R99	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R104,05	ERJ3GEYJ243	M.RESISTOR CH 1/16W 24K	2	
R106	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R107,08	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R109-11	ERJ3GEYJ243	M.RESISTOR CH 1/16W 24K	3	
R112-17	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	6	
R118	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R119	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R120,21	ERJ3GEYJ243	M.RESISTOR CH 1/16W 24K	2	
R122	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R124	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R125	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R126	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R127	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R128	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R131	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R132	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R133	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R134	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R135	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R136	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R137	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R138	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R139,40	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R141,42	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R143,44	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R145	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R146	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R147	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R148	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R149	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R150	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R151	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R152	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R153,54	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R155	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R156	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R157,58	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R159	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R160,61	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R162,63	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R164	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R165	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R166	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R200,01	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	2	
R203	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R204	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R205,06	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R207	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R208-11	ERJ3GEYJ622	M.RESISTOR CH 1/16W 6.2K	4	
R212-15	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R216,17	ERJ3GEYJ113	M.RESISTOR CH 1/16W 11K	2	
R218	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R219	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1	
R220,21	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R222	ERJ3GEYJ912	M.RESISTOR CH 1/16W 9.1K	1	
R223,24	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R225	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R226	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R227	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R228,29	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R230,31	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R232,33	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	2	
R234,35	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	2	
R236,37	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R238,39	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R240	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R241	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R242	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R243	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R244	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R245,46	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R247-50	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R251-56	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	6	
R257	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R258,59	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R300	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R301	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R303	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R304	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R305,06	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R307	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R308	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R309,10	ERJ3RED105	M.RESISTOR CH 1/16W 1M	2	
R311,12	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R313-16	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	4	
R317-20	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R321	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R322	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R324,25	ERJ3RED105	M.RESISTOR CH 1/16W 1M	2	
R326,27	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	2	
R329	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R333	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R334	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R335	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R338	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R339	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R341	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R343	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R345	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R346	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R347	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R348	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R349	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R350	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R351	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R353	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R354-56	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R400	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R401	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R402	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R403	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R404	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R405	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R406,07	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R408	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R409,10	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R412	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R413	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R414	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R416	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R418	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R419-21	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	3	
R422	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R423	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R424	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R426	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R427	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R428	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R429,30	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R432,33	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	2	
R435	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R436	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R437	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R438	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R439	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R442	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R443	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R444	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R446,47	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	2	
R448,49	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R450	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R451	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R452,53	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R454	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R500-02	ER025CHF1500	M.RESISTOR 1/4W 150	3	
R503-05	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R506-10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R511-13	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R514	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R515-18	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	4	
R519	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R520	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R521	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R522,23	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	2	
R524	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R525,26	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R527	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R528	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R529-31	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R532	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R535	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R538,39	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R540	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R541	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R542	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R543-51	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	9	
R552	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R553	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R555	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R600-02	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R603-08	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	6	
R609	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R610-17	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	8	
R618	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R619-21	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R622	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R623	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R624	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R625,26	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	2	
R627,28	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R629	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R630	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R631	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R632	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R633	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R634-38	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	5	
R639-44	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	6	
R645	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R646-50	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R651	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW1,W2	K0D123A00073	SWITCH	2	
SW3	K0D112A00075	SWITCH	1	
SW200	K0D122A00124	SWITCH	1	
SW201-04	CMS-2202A	SWITCH	4	
SW500	K0D112A00075	SWITCH	1	
SW501	VSS0367-04B	SWITCH	1	
TP300	EYF6CU	TEST POINT	1	
TP400	EYF6CU	TEST POINT	1	
TP605,06	EYF6CU	TEST POINT	2	
VR1,R2	VRV0303B103	V.RESISTOR 10K	2	
VR5	VRV0303B502	V.RESISTOR 5K	1	
VR6	VRV0303B103	V.RESISTOR 10K	1	
VR9	VRV0303B104A	V.RESISTOR 100K	1	
VR200,01	VRV0303B203A	V.RESISTOR 20K	2	D3EC3203A002
VR400,01	VRV0303B103	V.RESISTOR 10K	2	
VR600	VRV0303B102	V.RESISTOR 1K	1	
X300	H1D2705B0001	CRYSTAL OSCILLATOR	1	
X400	H1C3545B0001	CRYSTAL OSCILLATOR	1	
X402	VC-TCXO-125C	CRYSTAL OSCILLATOR	1	
X500	CSACV16.00MX	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VML3560	CARD PULLER	1	
	XSB2+6FX	SCREW	2	
	XNG2E	NUT	2	
	XSN3+8FXS	SCREW	2	
	XWE3D8	WASHER	2	
	XWA3B	WASHER	2	
	XNG3BS	NUT	2	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E4	VEP21288A	BS POWER P.C.BOARD	1	(RTL)
C1	EEUFC1V151	E.CAPACITOR 35V 150P	1	
C2	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C3	ECST1VD106	E.CAPACITOR 35V 10M	1	
C4	ECST1CD686	T.CAPACITOR CH 16V 68U	1	
C5	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C8	ECST0JC336	T.CAPACITOR CH6.3V 33U	1	
C9	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C10	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C11	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C12	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C13	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1	
C14	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C15	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C16	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C17	EEUFC1V151	E.CAPACITOR 35V 150P	1	
C18	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C19-21	VCEA1AAP221	E.CAPACITOR 10V 220U	3	F2D1A2210001
C23	F2D1D121A002	E.CAPACITOR 20V 120U	1	
C24	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C25-27	VCEA1AAP221	E.CAPACITOR 10V 220U	3	F2D1A2210001
C30,31	ECQE2104KF	P.CAPACITOR 250V 0.1U	2	
C32	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C33	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C34	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C35	ECST0JC336	T.CAPACITOR CH6.3V 33U	1	
C36	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C37	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C38	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C40	F2D1D121A002	E.CAPACITOR 20V 120U	1	
C41	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C42-44	VCEA1AAP221	E.CAPACITOR 10V 220U	3	F2D1A2210001
C45	EEUFC1V151	E.CAPACITOR 35V 150P	1	
C47	EEUFC1V151	E.CAPACITOR 35V 150P	1	
C48	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C49-51	VCEA1AAP221	E.CAPACITOR 10V 220U	3	F2D1A2210001
C52	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C53	EEUFC1V151	E.CAPACITOR 35V 150P	1	
C54	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C55-57	EEUFC1V151	E.CAPACITOR 35V 150P	3	
C59	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C64	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C65	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C66,67	ECST1VD106	E.CAPACITOR 35V 10M	2	
C68	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C69,70	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C72	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C73,74	ECST1VD106	E.CAPACITOR 35V 10M	2	
C75	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C76,77	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C79-81	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C82	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C83,84	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C85	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C99	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C112,13	EEVHB1E330P	E.CAPACITOR 25V 33U	2	
C114	EEUFC1V151	E.CAPACITOR 35V 150P	1	
C115,16	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C201,02	ECST1EX475	T.CAPACITOR CH 25V 4.7U	2	
C203,04	EEVHB1V220P	E.CAPACITOR 35V 22U	2	
C207-09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C210-12	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	3	
C213,14	F1BAH4720010	C.CAPACITOR 4700P	2	
C215	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C219-21	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	3	
C224	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D1,D2	NSD03A20	DIODE	2	
D3-D8	MA152WK	DIODE	6	
D9	MA3180	DIODE	1	
D10	EA60QC04F	DIODE	1	B0JDRE000002
D11	MAZ30560HL	DIODE	1	
D12	MA152WK	DIODE	1	
D13	MA3180	DIODE	1	
D14	EA60QC04F	DIODE	1	B0JDRE000002
D15	MAZ30560HL	DIODE	1	
D16	MA3180	DIODE	1	
D17	EA60QC04F	DIODE	1	B0JDRE000002
D18	MA3062-H	DIODE	1	MAZ30620HL
D19	MA3180	DIODE	1	
D20	EA60QC04F	DIODE	1	B0JDRE000002
D21	MAZ306800L	DIODE	1	
D22	MA2P29100L	DIODE	1	
D23	B0JCML000002	DIODE	1	
D24	MA2P29100L	DIODE	1	
D25-28	MA152K	DIODE	4	
D29	MA2P29100L	DIODE	1	
D30,31	MA152K	DIODE	2	
D32	NSD03A20	DIODE	1	
D33,34	MA152K	DIODE	2	
D201,02	MA152K	DIODE	2	
⚠ F1,F2	K5D502BK0002	FUSE	2	
FH1-H4	EYF52BC	FUSE HOLDER	4	
IC1,C2	VI-J04-CY	IC	2	
IC3	C0ABEB000062	TL062CPWR	1	
IC4,C5	TL1451CNS	IC	2	C0DBAMA00001
IC6	LM2577MX-ADJ	IC	1	C0CAAZH00001
IC8	UPC4560G	IC	1	
IC9	NJM555M	IC	1	C1ZBZ0000794
IC10,11	C0BBBA000019	IC	2	
IC12	C0JBAD000156	IC	1	
IC13,14	C0JBAA000099	IC	2	
IC15,16	C0BBBA000019	IC	2	
IC17	C0JBAD000156	IC	1	
IC18,19	C0JBAA000099	IC	2	
IC20	AN90B20S	IC	1	
IC21	AD22105AR	IC	1	C0ZBZ0000157
IC22	C0JBAQ000139	IC	1	
IC23	TC7S02F	IC	1	C0JBAD000065
IC24	AN7712SP	IC	1	
IC25,26	C0JBAZ000514	IC	2	
IC201,02	C0ABEB000062	IC	2	
IC203	TC7S04F	IC	1	C0JBAB000169
JP1	VMP5283	EARTH LUG	1	
L1	VLQ0297	COIL	1	
L2	J0JKC0000009	FILTER	1	
L3	VLQ0642	COIL	1	
L4,L5	VLQ0297	COIL	2	
L6	J0JKC0000009	FILTER	1	
L7	VLQ0642	COIL	1	
L8	VLQ0297	COIL	1	
L9,10	G0B352G00003	COIL 3500UH	2	
L11	VLQ0297	COIL	1	
L12	J0JKC0000009	FILTER	1	
L13	VLQ0642	COIL	1	
L14-16	VLQ0297	COIL	3	
L17	VLQ0642	COIL	1	
L18	J0JKC0000009	FILTER	1	
L19	VLQ0297	COIL	1	
L20	J0JKC0000009	FILTER	1	
L21	VLQ0297	COIL	1	
L22	J0JKC0000009	FILTER	1	
L23	VLQ0622	COIL	1	
L24	VLQ0297	COIL	1	
L25	J0JKC0000009	FILTER	1	
L26-30	J0JBC0000019	FILTER	5	
L37-42	J0JBC0000019	FILTER	6	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L44	J0JKC0000009	FILTER	1	
L51-59	J0JBC0000019	FILTER	9	
L60	J0JKC0000009	FILTER	1	
L61	J0JBC0000019	FILTER	1	
L62	J0JKC0000009	FILTER	1	
P1	VJP4396B002	CONNECTOR (MALE)	1	
P2	VJP2073	CONNECTOR (MALE)	1	K1KA02A00104
P3	VJP2741B004	CONNECTOR (MALE)	1	K1KA04B00125
P4	K1KA20B00029	CONNECTOR (MALE)	1	
P5	VJP2741A016	CONNECTOR (MALE) 16P	1	K1KA16A00139
P6	VJP2741A022	CONNECTOR (MALE)	1	K1KA22A00041
P10	VJP2739A002	CONNECTOR (MALE)	1	K1KA02A00225
P11	VJP2739A003	CONNECTOR (MALE)	1	K1KA03A00209
Q1	2SD0601ARL	TRANSISTOR	1	
Q2	UN2215	TRANSISTOR-RESISTOR	1	
Q3,Q4	2SD0601ARL	TRANSISTOR	2	
Q5	2SB0709A0L	TRANSISTOR	1	
Q6,Q7	2SJ245S	TRANSISTOR	2	
Q8	2SB0709A0L	TRANSISTOR	1	
Q9	2SD0601ARL	TRANSISTOR	1	
Q10	2SB0709A0L	TRANSISTOR	1	
Q11,12	2SJ245S	TRANSISTOR	2	
Q13	2SB0709A0L	TRANSISTOR	1	
Q14	2SD0601ARL	TRANSISTOR	1	
Q15	2SB0709A0L	TRANSISTOR	1	
Q16,17	2SJ245S	TRANSISTOR	2	
Q18	2SB0709A0L	TRANSISTOR	1	
Q19	2SD0601ARL	TRANSISTOR	1	
Q20	2SB0709A0L	TRANSISTOR	1	
Q21,22	2SJ245S	TRANSISTOR	2	
Q23	UN2211	TRANSISTOR-RESISTOR	1	
Q24	2SB09560HL	TRANSISTOR	1	
Q25	2SD1280	TRANSISTOR	1	
R2	ER025CHF3303	M.RESISTOR 1/4W 330K	1	
R3	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R4	ER025CHF3303	M.RESISTOR 1/4W 330K	1	
R5	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R6	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R7	ERW2PKR10	W.RESISTOR 2W 0.1	1	
R8	ERJ3RBD432	M.RESISTOR CH 1/16W 4.3K	1	
R9	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R10,11	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	2	
R12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R13	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R14	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R15	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R16	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R17	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R18	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R19	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R20	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R21	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R22	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R23	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R24	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R25	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R26	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R27	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R28	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R29	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R30	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R31	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R33	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R34	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R35	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R36	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R37	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R38	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R39	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R40	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R41	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R42	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R43	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R44	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R45	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R46	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R47	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R48	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R49	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R50	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R51	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R52	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R53	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R54	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R55	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R56	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R57	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R58	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R59	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R60	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	1	
R61,62	ER025CHF5102	M.RESISTOR 1/4W 51K	2	
R65	ERJ3RBD753	M.RESISTOR CH 1/16W 75K	1	
R66	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R67	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R68	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R69	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R71	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R72	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R73	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R74	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R75	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R76	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R77	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R78	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R79	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R80	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R81	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R82	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R83	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R85	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R86	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R87	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R88	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R89	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R90	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R91-93	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R94	ERJ3RBD243	M.RESISTOR CH 1/16W 24K	1	
R95	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R96,97	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R102	ER025CHF1001	M.RESISTOR 1/4W 1K	1	
R103	ERJ6RBD513	M.RESISTOR CH 1/10W 51K	1	
R104	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
R105,06	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	2	
R107	ERJ6RBD203	M.RESISTOR CH 1/10W 20K	1	
R108,09	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	2	
R110,11	ERJ6RBD152	M.RESISTOR CH 1/10W 1.5K	2	
R112	ER025CHF5102	M.RESISTOR 1/4W 51K	1	
R113	ERJ3GEYJ913	M.RESISTOR CH 1/16W 91K	1	
R114	ER025CHF5102	M.RESISTOR 1/4W 51K	1	
R115	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R116	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R117	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R118	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R119	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R120	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R121,22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R125	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R126,27	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	2	
R128,29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R130	ER025CHF5102	M.RESISTOR 1/4W 51K	1	
R131	ERJ3GEYJ913	M.RESISTOR CH 1/16W 91K	1	
R132	ER025CHF5102	M.RESISTOR 1/4W 51K	1	
R133	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R134	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R135	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R136	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R137	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R138	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R139,40	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R143	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R144,45	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	2	
R146-49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R150	ERJ6RBD203	M.RESISTOR CH 1/10W 20K	1	
R152-60	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	9	D0GB103JA002
R161,62	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R164,65	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R166	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R167	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R168,69	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R170	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R171	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R172	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R201,02	ERJ3GEYJ303	M.RESISTOR CH 1/16W 30K	2	
R203,04	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R215,16	ERJ3GEYJ363	M.RESISTOR CH 1/16W 36K	2	
R217	ERDS2TJ224	C.RESISTOR 1/4W 220K	1	
R218,19	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	2	
R222	ERJ12Y0R00	M.RESISTOR CH 1/2W 0	1	
⚠ RY1	VSY1033	RELAY	1	K6B1CGA00047
⚠ TH1	D4FB1R100001	THERMISTOR	1	
⚠ TH2	VRT0152400	THERMISTOR	1	D4ZZ00000004
⚠ TH3	D4FB1R100001	THERMISTOR	1	
VR1	VRV0062B502	V.RESISTOR 5K	1	D3CA45020003
		MISCELLANEOUS		
	VEE0M78	CABLE	1	
	VMT1263	THERMAL PAD	2	
⚠	VMZ0429	FUSE COVER	2	
	VEE4445	EARTH CABLE C	1	
■ E6	VEP20819C	BS FRONT P.C.BOARD	1	(RTL)
C1	ECA1EHG101	E.CAPACITOR 25V 100U	1	
C2	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C3	ECA1CHG471	C.CAPACITOR 16V 470U	1	
C4,C5	ECST1EY155	T.CAPACITOR CH 25V 1.5U	2	
C6	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C7,C8	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C9	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C10,11	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C13	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C15	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C16-18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C19	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C20,21	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	2	
C22-31	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	10	
C32	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C33-35	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C36	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
D1	B0JCML000002	DIODE	1	
D2-D4	MA152K	DIODE	3	
D6,D7	LN28RPL	DIODE	2	
D8	LN38GPL	DIODE	1	
D9	LN48YPL	DIODE	1	
D10,11	LN38GPL	DIODE	2	
D12-14	MA714	DIODE	3	
IC1	NJM2360M	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC2	AN77L05M	IC	1	
IC3	SN75C1168NS	IC	1	
IC4	AK6440AF	IC	1	
IC5	C0JBAZ000279	IC	1	
IC6	HD64F3048F16	IC	1	C2CBHF000009
IC7	AN90B20S	IC	1	
IC8	TC7W53FU	IC	1	
IC9	C0JBAR000023	IC	1	
IC10	C0JBAA000076	IC	1	
IC11	C0EBH0000053	IC	1	
IC12,13	M66311FP	IC	2	C0HBZ0000021
ID6	VVVSI4184	SOFTWARE	1	DOWNLOAD ONLY
L1,L2	J0JKC0000009	FILTER	2	
L3	VLQ0797221K	COIL 220UH	1	G0A221EA0002
L4-L7	J0JBC0000019	FILTER	4	
L8-12	J0JBC0000041	FILTER	5	
L13,14	J0JBC0000019	FILTER	2	
L15,16	J0JBC0000041	FILTER	2	
L17	J0JBC0000019	FILTER	1	
P1	VJP4395D010	CONNECTOR (MALE)	1	
P2	VJP2739B005	CONNECTOR (MALE)	1	K1KA05B00106
P3	K1MN20A00036	CONNECTOR	1	
P4	VJP4395D011	CONNECTOR (MALE)	1	
Q2	UN2215	TRANSISTOR-RESISTOR	1	
Q3-Q5	2SB710A-S	TRANSISTOR	3	
R1	ERX12SJR22	M.RESISTOR 1/2W 0.22	1	
R2	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R3	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R4,R5	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6,R7	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	2	
R8	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R9	ER025CHF1500	M.RESISTOR 1/4W 150	1	
R10	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R11	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R13	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R14-18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R22	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R23-26	EXB24V473J	COMBI.R-R 47K	4	
R27-34	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	8	
R35-40	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	D0GB103JA002
R41-44	EXB24V473J	COMBI.R-R 47K	4	
R45-48	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R49	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R50-59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	10	
R60,61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R62-69	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
R70	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R71,72	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R73	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R74	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R75	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R77	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R78	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R80	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R81	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R83	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R84	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R86	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R87	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R89	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R90	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R92	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R93	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R95	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R96	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R98	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R99	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R101	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R102	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	

Components identified with the mark ⚠ have special characteristics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R104	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R105	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R107	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R108	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R110	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R111	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R113	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R114	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R116	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R117	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R119	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R120	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R122	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R123	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R125	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R126	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	1	
R128-34	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	7	
R135	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW1	CMS-2202A	SWITCH	1	
SW2	K9AA020A0001	SWITCH	1	
SW3	VSS0367-08B	SWITCH	1	
SW4	VST0153	SWITCH	1	K0E112A00098
SW5	KSR1007	SWITCH	1	
SW6	KSR1005	SWITCH	1	
SW7	VST0152	SWITCH	1	K0E112A00094
SW8	K0F111A00397	SWITCH	1	
SW9	K0F111A00398	SWITCH	1	
SW10	K0F111A00399	SWITCH	1	
SW11	K0F111A00239	SWITCH	1	
SW12	K0F111A00400	SWITCH	1	
SW13	K0F111A00401	SWITCH	1	
SW14-20	VSP0853A000	SWITCH	7	K0F111A00235
SW21	VSP0853A001	SWITCH	1	K0F111A00236
SW22	VSP0853A002	SWITCH	1	K0F111A00237
SW23-25	VSP0853A000	SWITCH	3	K0F111A00235
⚠ TH1	D4FB1R100001	THERMISTOR	1	
VR1-R5	VRV0118B103	V.RESISTOR 10K	5	
VR6	D2BDA14B0004	V.RESISTOR 10K	1	
VR7-10	VRV0118B103	V.RESISTOR 10K	4	
X1	VSX1046	CRYSTAL OSCILLATOR	1	H2C8004A0001
		MISCELLANEOUS		
	VMX2148	LED SPACER	6	
■ E8	VEP24163C	BS INCOM P.C.BOARD	1	(RTL)
C1001	EEVHP1E4R7	E.CAPACITOR 25V 4.7U	1	
C1002	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C1003	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C1004	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C1005	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C1006	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C1007	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C1008	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C1009	ECST1CC226Z	T.CAPACITOR CH 16V 22U	1	
C1010	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C1012	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C1013	ECST1EC106	T.CAPACITOR CH 25V 10U	1	
C1014,15	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	2	ECST1CY225R
C1016	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
D1001	LN38GPL	DIODE	1	
D1002-04	LN28RPL	DIODE	3	
D1005,06	LN38GPL	DIODE	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC1001	AN77L08M	IC	1	
IC1002	UPC4570G2	IC	1	C0ABBB000016
IC1003	AN77L08M	IC	1	
IC1004	C0ABBB000124	IC	1	
L1008,09	J0JKC0000009	FILTER	2	
P1001	VJP2741A020	CONNECTOR (MALE)	1	K1KA20A00056
P1002	VJP2741A006	CONNECTOR (MALE)	1	K1KA06A00212
R1001	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1002	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R1003	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1004,05	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R1006	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1007	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1008	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1009	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1010,11	ERJ3GEYJ513	M.RESISTOR CH 1/16W 51K	2	
R1012,13	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R1014-16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1017-28	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	12	
R1029,30	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R1031-33	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R1034	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
SW1001	K0E112G00027	SWITCH	1	
SW1002	CMS-2202A	SWITCH	1	
SW1003	VST0153	SWITCH	1	K0E112A00098
SW1004	K0F111A00239	SWITCH	1	
SW1005	VSP0853A003	SWITCH	1	K0F111A00238
SW1006	VST0152	SWITCH	1	K0E112A00094
VR1001	VRV0303B104A	V.RESISTOR 100K	1	
VR1002,03	VRV0118B102	V.RESISTOR 1K	2	
XD1001-06	VMX2148	LED SPACER	6	
		MISCELLANEOUS		
	VMA0M49	SWITCH ANGLE A	1	
	XWE6	WASHER	8	